



Pricing Catalogue 2022 Australia

SECTIONS

Portable Gas Detection 01	Personal Protection Equipment 02	Drug & Alcohol Detection 03
Masks & Filters 04	Fire & Gas Detection Systems 05	Engineered Solutions 06
Agency Products 07	Service, Training & Rental 08	Diving Technology 09

WELCOME

Dräger is a leading international company in the fields of medical and safety technology. Founded in Lübeck in 1889, Dräger has grown into a worldwide enterprise in its fifth generation as a family-run business. Our long-term success is predicated on a value-oriented corporate culture with four central strengths: close collaboration with our customers, the expertise of our employees, continuous innovation and outstanding quality.

"Technology for Life" is our guiding principle. Wherever they are deployed – in clinical settings, industry, mining or emergency services – Dräger products protect, support and save lives.

PORTABLE GAS DETECTION

X-AM 2500/5000 FAMILY

X-am 2500	5
X-am 5000	10
X-am 5600	15
X-am 8000	20
X-am 3500	23
X-pid	25
X-Zone 5500	27

PAC FAMILY

Pac 3500 / 5500 / 7000 Accessories	28
Pac 6000 / 6500	28
Pac 8000 / 8500	29

X-AM 5100/7000

X-am 5100	31
X-am 7000	33

ACCESSORIES

Sampling	34
Software	36
Calibration Adaptors	36
Equipment Cases	37
Sensors	38
X-Dock	40
Automatic Bump Test Stations	44
Calibration Gas & Regulators	45
Regulators & Accessories	48

PORTABLE INSTRUMENTS FOR EMISSION CONTROL

MSI	50
FG4200	50
FG7000	51
P4000	51
GS3	51
Optional Items	52
Accessories and Spare Parts	52

PUMPS & ACCESSORIES FOR DRÄGER TUBES

X-act 5000	53
Accuro Pump	55
Accessories	56

DRÄGER TUBES

Short Term Monitoring Tubes - Alphabetical	57
Long Term Monitoring - Diffusion Tubes	62
Sampling Tubes for Passive Monitoring	63
Long Term Monitoring	64
Long Term Monitoring - Badges	65
Gas Detection Kit	66
Air Current Detection Kit	68
Air Flow Check	68
DLE Kit	69
Aerotest Range	69

ANALYSE SYSTEM DRÄGER X-ACT 7000

X-act 7000	72
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CMS

CMS Analyser	75
CMS Chips - Alphabetical Order	76
CMS Chips - Numerical Order	78

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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X-AM 2500

3 Years Warranty on instrument &
Ex, O2, CO & H2S Sensors




The Draeger X-am 2500 is a small lightweight 1 to 4 Gas Detection Instrument, which is specially designed for the requirements for personal monitoring. Comes standard with data logger It can be equipped with one catalytic Ex-sensor and three electrochemical sensors at maximum. These guarantee reliable monitoring of the ambient air to explosive gases and vapours as well as O2 and toxic gases like CO, H2S, SO2 and NO2. In order to accommodate a wide range of customer requirements the Draeger X-am 2500 Flex is assembled immediately before delivery according to the customer's specifications. Furthermore the X-am 2500 is available in 5 different variations.

X-am 2500 Standard Variations (Non-Flex)	These instruments are fixed to the number and the combination of sensors that they are sold with.		
X-am 2500 4-Gas complete with NiMH Battery Kit	Standard 4-Gas (Cat-ex PR,O2,CO,H2S-LC) Non-Flex, including Battery Kit 8318785	8323919	335
X-am 2500 Ex, O2, CO-LC, H2S-LC	Add Battery and Power supply	8323918	335
X-am 2500 Ex, O2, CO-LC	Add Battery and Power supply	8323916	335
X-am 2500 Ex, O2, H2S-LC	Add Battery and Power supply	8323914	335
X-am 2500 Ex, O2	Add Battery and Power supply	8323912	335
X-am 2500 Ex	Add Battery and Power supply	8323910	335
X-am 2500 Flex Option	The Flex option allows for sensors to be added or removed as required by the customer. SO2 ,NO2 and Cat-Ex Mining 125 PR - Gas are only possible with Flex option		
X-am 2500 Basic unit (without battery, sensors & power supply)	- Add sensors, Battery and Power Supply	8323920	335
X-am 2500 Construction kit	Use Configurator to order this	8323900	
Sensors for use with X-am 2500 basic or configurator version			
Following sensors are available:			
Cat-Ex 125 PR 0-100% LEL		6812950	364
or			
Cat-Ex 125 PR-Gas 0-100% LEL	For NSW coal mining customers	6813080	364
and up to three EC sensors from below list (Please note: Only one sensor from NO2 and SO2 can be used in one instrument)			
XXS O2		6810881	368
XXS CO-LC		6813210	368
XXS H2S LC		6811525	368
XXS NO2		6810884	368
XXS SO2	Consider adding H2S filter (6811344) for this sensor	6810885	368









PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
X-AM 2500 Kits			
X-am 2500 CSE Kit Standard			
	X-am 2500 Ex,O2, CO LC, H2S LC Battery & charging set (8323919) X-am pump with filter (8327100) Moulded carry case (8319385) 5m FKM hose with adapters (8325705)	3502916	335
X-am 2500 CSE Kit Basic			
	X-am 2500 Ex,O2, CO LC, H2S LC Battery & charging set (8323919) Hand pump 6809133 with 5m tygon tubing Gassing adapter (8319195) Aluminium carry case (3500096)	3502951	335
X-am 2500 with basic bump test kit			
	X-am 2500 Ex, O2, CO-LC & H2S-LC Gassing Adaptor (8319195) NiMH Battery Kit (8318785) Pelican 1450 case (3503696) 34 L mix gas (3501277) Cylinder regulator (3532012) Tygon tubing 1 M (3539140)	3503103	335
CSE kit – without instrument			
	Confined Space Entry kit X-am Pump (with Tubing - 5m) Moulded Carry case (8319385)	3501602	336
Premium CSE Kit- Add X-am 2500 as required			
	Contents of this kit are:(instrument not Included) Dräger X-am pump 8327100 Std 4 gas cylinder 58 ltr (3532052) Std 715 Regulator 0.5L/min (3532012) Float probe without tubing (6802337) Telescopic Probe up to 1 m (8316530) 5m FKM hose with adapters (8325705) Large moulded case-as shown (8320467) X-am cradle (8318752)	3503300	980
X-am 2500 Power Supply Options			
X-am 2500 Battery + Charger Options			
NiMH Charging Set (Standard)	NiMH battery & charger with power supply	8318785	336
HC NiMH Charging Set (High capacity)	HC NiMH battery & charger with power supply	8322785	336



PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
X-am 2500 Battery only Options			
	NiMH T4 Battery only	8318704	336
	HC NiMH T4 Battery only	8322244	336
	Alkaline Battery Holder T3/T4 (without batteries)	Add 2 x AA Batteries 8322237	336
	* AA Alkaline Battery - T4	2 required for 8322237 3539163	981
X-am 2500 Charger Options			
	Module & Single charger only	8320333	336
Charging Set Basic			
	Charging Module only	Module only - For X-am 1/2/5 8318639	336
	Battery Charging Adapter	To charge a battery (8318704 & 8322244) w/o instrument. Charging module 8318639 will be needed to use this adapter	8326101 336
	Head adapter – Multicharger	Use in combination with 8321850 to charge up to 20 instruments	8325736 336
	Power supply 6.25A	Head adapter 8325736 required to use this power supply	8321850 981
	Single charger	for 1 charging module	8316997 981
	Single charger - 2.5 Amp output	For up to 5 modules	8316994 981
	Car Charging Connector	12V or 24V supply	4530057 981
	(Charging module not Included)	8318779	336
Vehicle charger mounting kit (For one charging module)			
	Additional strap for vehicle charger mounting kit	8318788	336
X-am 2500 Accessories			
Protection			
	X-am label Yellow	For differentiating instruments by onsite application e.g 0-100%lel Vs 0-100% Vol	3502266 393
	Leather Carry Case	Protects the display screen from scratches.	8318755 980
	Heavy Duty Leather Case with G-clip		3501858 336
	Rubber boot		8321506 336
	Case (without content)	Space for: power supply, probe, Calibration gas cylinder, ext. pump, 3 m Viton hose	8320467 980
Sampling			
	Hand Pump	6801933	956

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
		8319195	336
Hand pump adapter			
	X-am pump (8327101) with USB cable (8327108)	8327100	336
Dräger X-am pump			
	Includes: X-am pump (8327101), USB cable (8327108), USB charger (8327102) , Shoulder strap (8319386)	8327115	336
Dräger X-am pump with USB cable, charger, shoulder strap			
	This contains: Carrying case (8327114), Shoulder strap (8319386) and has room for storing the power cord, charging unit, and hose.	8327104	980
Case for Dräger X-am pump			
	The CSE Set X-am Pump contains X-am pump (8327101), Shoulder strap (8319386), 5m FKM hose with adapters (8325705), USB cable (8327108), float probe (8327654) & Case (8327114)	8327117	336
CSE set X-am pump			
	Protects X-am instrument and pump. Belt-loop on back side. X-am instrument can be removed separately from pump	8327103	980
Leather case for X-am pump			
USB 10x Multi-Charger	For charging 10 x X-am pumps (without worldwide plugs - add separately)	8327113	981
Set of world wide plugs	Universal adapter	3707079	336
	Spare set Filter for the pump	8319364	393
Filter with hose connector (3mm and 5mm)			
Set of 20 filter discs (20 x 8319359)	without Luer adapters	3705997	956
Sample tubing, Tygon	clear, inner diam. 5 mm, max length 15m	3539140	956
	Solvent-resistant. 3mm diameter speeds up flushing time	8325705	956
5 m FKM hose (diameter 3 mm)			

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Bump Testing and Calibration			
X-dock	See X-dock Price pages		
	Add Gas Cylinder	8319131	332
Dräger Bump Test Station Dräger X-am 1/2/5000			
	Also hold DIRA interface	8318752	332
Calibration cradle Dräger X-am 1/2/5000			
Standard Regulator 0.5 L/min	Good for calibration. Use with 8318752	3532012	953
Stainless Steel Regulator 0.5 L/min	Good for CL2 or NH3	6813104	953
Trigger Regulator 0.5 L/min	Good for manual Bump Test. Use with 8318752 or 8319195	3500579	953
Software and Communication			
USB DIRA with USB cable	Use with X-am 1/2/5, X-am 7000, X-am 8000	8317409	332
CC-Vision Basic (Free download from www.draeger.com/software)	Required for setup. Can download data logger	FOC	
GasVision 7 license key (Software download from www.draeger.com/software)	Reports and Trends from Data loggers. License key is supplied. Software must be downloaded from the Dräger website. Gas-vision is not a server installation. Install on single PC only.	8325646	332

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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X-AM 5000



X-am 5000 is a five gas instrument with four sensor slots, to make this unit a 5 gas instrument you must use a dual sensor. Sensors and a battery are not Included with the instrument. Comes standard with data logger and features a pixelated display.

1. Cat Ex 2 & 3. XXS Sensor slots 4. Dual XXS or normal XXS Sensor slot

The X-am 5000 has a 3 year warranty, sensor warranties are varied

X-am 5000 Standard Units	Calibration interval 6 monthly		
Dräger X-am 5000 Basic unit (Add sensors)	Sensors, Battery & Power supply not Included	8320088	305
Dräger X-am 5000 (Construction kit)	Use configurator to order this	8320000	305
X-am 5000 4-Gas complete with NiMH Battery Kit	(Cat-Ex 125 PR,O ₂ ,dual H ₂ S LC/CO LC, Batt kit 8318785)	3501264	305

CSE kit - without instrument



Confined Space Entry kit
X-am Pump (with Tubing - 5m)
Moulded Carry Case (8319385)

3501602 336

Premium CSE Kit- Add X-am 5000 as required



Contents of this kit are:(instrument not Included)
Dräger X-am pump 8327100
Std 4 gas cylinder 58 ltr (3532052)
Std 715 Regulator 0.5L/min (3532012)
Float probe without tubing (6802337)
Telescopic Probe up to 1 m (8316530)
5m FKM hose with adapters (8325705)
Large moulded case-as shown (8320467)
X-am cradle (8318752)

3503300 980

Sensors for use with X-am 5000- Refer Sensor page for more info




Cat -Ex sensor for Sensor slot 1:

▶ Cat Ex 125 Poison Resistant	3 Year warranty	6812950	364
or			
Cat Ex 125 PR Gas	3 Year warranty. For NSW Coal mines.	6813080	364









PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Electrochemical sensors for slot 2,3 &4 (Up to 3 from below list)			
XXS Amine	1 Year warranty	6812545	368
▶ XXS CO LC (use as a default CO)	3 Year warranty	6813210	368
XXS CO	3 Year warranty	6810882	368
XXS CO HC	3 Year warranty	6812010	368
XXS CO-H2 CP (Can only be used on slot 4)	1 Year warranty	6811950	368
▶ XXS H2S-LC / CO-LC (use as default) (Can only be used on slot 4)	2 Year warranty	6813280	368
XXS CO / H2S (Can only be used on slot 4)	2 Year warranty	6811410	368
▶ XXS O2 / CO-LC (Can only be used on slot 4)	2 Year warranty	6813275	368
▶ XXS O2 / H2S-LC (Can only be used on slot 4)	2 Year warranty	6814137	368
XXS COCl2 - Phosgene	6 Month Warranty	6812005	368
▶ XXS H2S LC (use as a default H2S)	3 Year warranty	6811525	368
XXS H2S	3 Year warranty	6810883	368
XXS H2S HC	1 Year warranty	6812015	368
XXS H2	1 Year warranty	6812370	368
XXS H2 HC	1 Year warranty	6812025	368
▶ XXS O2	3 Year warranty	6810881	368
XXS O2 100 (Can only be used on slot 4)	1 Year warranty	6812385	368
XXS CL2	1 Year warranty	6810890	368
XXS CO2	1 Year warranty	6810889	368
XXS HCN	1 Year warranty	6810887	368
XXS HCN PC	1 Year warranty	6813165	368
XXS NH3	1 Year warranty	6810888	368
▶ XXS NO2 LC (use as NO2 default)	1 Year warranty	6812600	368
XXS NO2	1 Year warranty	6810884	368
XXS NO	1 Year warranty	6811545	368
XXS Ozone	1 Year warranty	6811540	368
XXS Odorant	1 Year warranty	6812535	368
XXS PH3	1 Year warranty	6810886	368
XXS PH3 HC	1 Year warranty	6812020	368
XXS SO2 (Consider using H2S filter)	2 Year warranty	6810885	368
XXS OV	1 Year warranty	6811530	368
XXS OV-A	1 Year warranty	6811535	368
X-am 5000 Power Supply Options			
X-am 5000 Battery + Charger Options			
NiMH Charging Set (Standard)	NiMH battery & charger with power supply	8318785	336
HC NiMH Charging Set (High capacity)	HC NiMH battery & charger with power supply	8322785	336
X-am 5000 Battery only Options			
NiMH T4 Battery only		8318704	336
HC NiMH T4 Battery only		8322244	336
Alkaline Battery Holder T3/T4 (without batteries)	Add 2 x AA Batteries	8322237	336
* AA Alkaline Battery - T4	2 required for 8322237	3539163	981



PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
X-am 5000 Charger Options			
	Module & Single charger only	8320333	336
Charging Set Basic			
Charging Module only	Module only - For Xam 1/2/5	8318639	336
Battery Charging Adapter	To charge a battery (8318704 & 8322244) w/o instrument. Charging module 8318639 will be needed to use this adapter	8326101	336
Head adapter – Multicharger	Use in combination with 8321850 to charge up to 20 instruments	8325736	336
Power supply 6.25A	Head adapter 8325736 required to use this power supply	8321850	981
Single charger - 2.5 Amp output	For up to 5 modules	8316994	981
Single charger	for 1 charging module	8316997	981
Car Charging Connector	12V or 24V supply	4530057	981
	(Charging module not Included)	8318779	336
Vehicle charger mounting kit (For one charging module)			
Additional strap for vehicle charger mounting kit		8318788	336
X-am 5000 Accessories			
Protection			
X-am label Yellow	For differentiating instruments by onsite application e.g 0-100%lel Vs 0-100% Vol	3502266	393
Leather Carry Case	Protects the display screen from scratches.	8318755	980
Heavy Duty Leather Case with G-clip		3501858	336
Rubber boot		8321506	336
Case (without content)	Space for: power supply, probe, Calibration gas cylinder, ext. pump, 3 m Viton hose	8320467	980
Sampling			
		6801933	956
Hand Pump			

PORTABLE GAS DETECTION

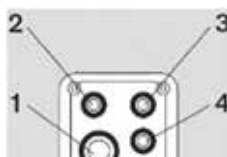
PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
		8319195	336
Hand pump adapter			
	X-am pump (8327101) with USB cable (8327108)	8327100	336
Dräger X-am pump			
	Includes: X-am pump (8327101), USB cable (8327108), USB charger (8327102) , Shoulder strap (8319386)	8327115	336
Dräger X-am pump with USB cable, charger, shoulder strap			
	This contains: Carrying case (8327114) , Shoulder strap (8319386) and has room for storing the power cord, charging unit, and hose.	8327104	980
Case for Dräger X-am pump			
	The CSE Set X-am Pump contains X-am pump(8327101), Shoulder strap (8319386), 5m FKM hose with adapters (8325705), USB cable (8327108), float probe (8327654) & Case (8327114)	8327117	336
CSE set X-am pump			
	Protects X-am instrument and pump. Belt-loop on back side. X-am instrument can be removed separately from pump	8327103	980
Leather case for X-am pump			
USB 10x Multi-Charger	For charging 10 x X-am pumps (without worldwide plugs - add separately)	8327113	981
Set of world wide plugs	Universal adapter	3707079	336
	Spare set Filter for the pump	8319364	393
Filter with hose connector (3mm and 5mm)			
Set of 20 filter discs	without Luer adapters	3705997	956
Sample tubing, Tygon	clear, inner diam. 5 mm, max length 15m	3539140	956
	Solvent-resistant. 3mm diameter speeds up flushing time	8325705	956
5 m FKM hose (diameter 3 mm)			

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Bump Testing and Calibration			
X-dock	See X-dock Price pages		
	Add Gas Cylinder	8319131	332
Dräger Bump Test Station Dräger X-am 1/2/5000			
	Also hold DIRA interface	8318752	332
Calibration cradle Dräger X-am 1/2/5000			
Standard Regulator 0.5 L/min	Good for calibration. Use with 8318752	3532012	953
Stainless Steel Regulator 0.5 L/min	Good for CL2 or NH3	6813104	953
Trigger Regulator 0.5 L/min	Good for manual Bump Test. Use with 8318752 or 8319195	3500579	953
Software and Communication			
USB DIRA with USB cable	Use with X-am 1/2/5, X-am 7000, X-am 8000	8317409	332
CC-Vision Basic (Free download from www.draeger.com/software)	Required for setup. Can download data logger	FOC	
GasVision 7 license key (Software download from www.draeger.com/software)	Reports and Trends from Data loggers. License key is supplied. Software must be downloaded from the Dräger website. Gas-vision is not a server installation. Install on single PC only.	8325646	332

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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X-AM 5600

X-am 5600 is a six gas instrument with four sensor slots. To make this unit a 6 gas instrument you must use two dual sensors. Sensors and a battery are not Included with the instrument. Comes standard with data logger and features a pixeled display.

- 1. Single or dual IR-sensor
- 2 & 3. XXS Sensor slots
- 4. Dual XXS or normal XXS Sensor slot

The X-am 5600 has a 3 year warranty, sensor warranties are varied

X-am 5600 Standard Units		Calibration interval 6 monthly	
Dräger X-am 5600 Basic unit	Sensors & Battery not Included	8321373	305
Dräger X-am 5600 (Construction kit)	Use configurator to order this	8321050	305
Dräger X-am 5600 with IR EX ES, O ₂ , dual H ₂ S-LC/CO-LC + Battery Kit		3503294	305
Dräger X-am 5600 with dual IR Ex/CO ₂ ES, O ₂ , dual H ₂ S-LC/CO-LC + Battery Kit		3502521	305
Premium CSE Kit- Add X-am 5600 as required	Contents of this kit are:(instrument not Included) Dräger X-am pump 8327100 Std 4 gas cylinder 58 ltr (3532052) Std 715 Regulator 0.5L/min (3532012) Float probe without tubing (6802337) Telescopic Probe up to 1 m (8316530) 5m FKM hose with adapters (8325705) Large moulded case-as shown (8320467)	3503300	980



Sensors for use with X-am 5600- Refer Sensor page for more info




Infrared (IR) sensor for Sensor slot 1:

▶ Dual IR Ex/CO ₂	Only order able for NSW Coal mines 5 Year warranty	6811960	364
or			
▶ Dual IR Ex/CO ₂ ES	Use this as default 5 Year warranty	6851880	364
or			
▶ IR Ex ES	5 Year warranty	6851881	364
or			
▶ IR CO ₂ ES	5 Year warranty	6851882	364









PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Electrochemical sensors for slot 2,3 &4 (Up to 3 from below list)			
XXS Amine	1 Year warranty	6812545	368
▶ XXS CO LC (use as a default CO)	3 Year warranty	6813210	368
XXS CO	3 Year warranty	6810882	368
XXS CO HC	3 Year warranty	6812010	368
XXS CO-H2 CP (Can only be used on slot 4)	1 Year warranty	6811950	368
▶ XXS H2S-LC / CO-LC (use as default) (Can only be used on slot 4)	2 Year warranty	6813280	368
XXS CO / H2S (Can only be used on slot 4)	2 Year warranty	6811410	368
▶ XXS O2 / CO-LC (Can only be used on slot 4)	2 Year warranty	6813275	368
▶ XXS O2 / H2S-LC (Can only be used on slot 4)	2 Year warranty	6814137	368
XXS CO/HCN Toxic Twins	1 Year warranty	6800040	
▶ XXS H2S LC (use as a default H2S)	3 Year warranty	6811525	368
XXS H2S	3 Year warranty	6810883	368
XXS H2S HC	1 Year warranty	6812015	368
XXS H2	1 Year warranty	6812370	368
XXS H2 HC	1 Year warranty	6812025	368
▶ XXS O2	3 Year warranty	6810881	368
XXS O2 100 (Can only be used on slot 4)	1 Year warranty	6812385	368
XXS CL2	1 Year warranty	6810890	368
XXS CO2	1 Year warranty	6810889	368
XXS HCN	1 Year warranty	6810887	368
XXS HCN PC	1 Year warranty	6813165	368
XXS NH3	1 Year warranty	6810888	368
▶ XXS NO2 LC (use as NO2 default)	1 Year warranty	6812600	368
XXS NO2	1 Year warranty	6810884	368
XXS NO	1 Year warranty	6811545	368
XXS Ozone	1 Year warranty	6811540	368
XXS Odorant	1 Year warranty	6812535	368
XXS PH3	1 Year warranty	6810886	368
XXS PH3 HC	1 Year warranty	6812020	368
XXS SO2 (Consider using H2S filter)	2 Year warranty	6810885	368
XXS OV	1 Year warranty	6811530	368
XXS OV-A	1 Year warranty	6811535	368
X-am 5000 Power Supply Options			
X-am 5000 Battery + Charger Options			
NiMH Charging Set (Standard)	NiMH battery & charger with power supply	8318785	336
HC NiMH Charging Set (High capacity)	HC NiMH battery & charger with power supply	8322785	336
X-am 5000 Battery only Options			
NiMH T4 Battery only		8318704	336
HC NiMH T4 Battery only		8322244	336
Alkaline Battery Holder T3/T4 (without batteries)	Add 2 x AA Batteries	8322237	336
* AA Alkaline Battery - T4	2 required for 8322237	3539163	981



PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
X-am 5600 Charger Options			
	Module & Single charger only	8320333	336
Charging Set Basic			
Charging Module only	Module only - For Xam 1/2/5	8318639	336
Battery Charging Adapter	To charge a battery (8318704 & 8322244) w/o instrument. Charging module 8318639 will be needed to use this adapter	8326101	336
Head adapter – Multicharger	Use in combination with 8321850 to charge up to 20 instruments	8325736	336
Power supply 6.25A	Head adapter 8325736 required to use this power supply	8321850	981
Single charger - 2.5 Amp output	For up to 5 modules	8316994	981
Single charger	for 1 charging module	8316997	981
Car Charging Connector	12V or 24V supply	4530057	981
	(Charging module not Included)	8318779	336
Vehicle charger mounting kit (For one charging module)			
Additional strap for vehicle charger mounting kit		8318788	336
X-am 5600 Accessories			
Protection			
X-am label Yellow	For differentiating instruments by onsite application e.g 0-100%lel Vs 0-100% Vol	3502266	393
Heavy Duty Leather Case with G-clip		3501858	336
Rubber boot		8321506	336
Case (without content)	Space for: power supply, probe, Calibration gas cylinder, ext. pump, 3 m Viton hose	8320467	980
Sampling			
		6801933	956
Hand Pump			

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
		8319195	336
Hand pump adapter			
	X-am pump (8327101) with USB cable (8327108)	8327100	336
Dräger X-am pump			
	Includes: X-am pump (8327101), USB cable (8327108), USB charger (8327102) , Shoulder strap (8319386)	8327115	336
Dräger X-am pump with USB cable, charger, shoulder strap			
	This contains: Carrying case (8327114) , Shoulder strap (8319386) and has room for storing the power cord, charging unit, and hose.	8327104	980
Case for Dräger X-am pump			
	The CSE Set X-am Pump contains X-am pump(8327101), Shoulder strap (8319386), 5m FKM hose with adapters (8325705), USB cable (8327108), float probe (8327654) & Case (8327114)	8327117	336
CSE set X-am pump			
	Protects X-am instrument and pump. Belt-loop on back side. X-am instrument can be removed separately from pump	8327103	980
Leather case for X-am pump			
USB 10x Multi-Charger	For charging 10 x X-am pumps (without worldwide plugs - add separately)	8327113	981
Set of world wide plugs	Universal adapter	3707079	336
	Spare set Filter for the pump	8319364	393
Filter with hose connector (3mm and 5mm)			
Set of 20 filter discs (20 x 8319359)	without Luer adapters	3705997	956
Sample tubing, Tygon	clear, inner diam. 5 mm, max length 15m	3539140	956
	Solvent-resistant. 3mm diameter speeds up flushing time	8325705	956
5 m FKM hose (diameter 3 mm)			

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Bump Testing and Calibration			
X-dock	See X-dock Price pages		
	Add Gas Cylinder	8319131	332
Dräger Bump Test Station Dräger X-am 1/2/5000			
	Also hold DIRA interface	8318752	332
Calibration cradle Dräger X-am 1/2/5000			
Standard Regulator 0.5 L/min	Good for calibration. Use with 8318752	3532012	953
Stainless Steel Regulator 0.5 L/min	Good for CL2 or NH3	6813104	953
Trigger Regulator 0.5 L/min	Good for manual Bump Test. Use with 8318752 or 8319195	3500579	953
Software and Communication			
USB DIRA with USB cable	Use with X-am 1/2/5, X-am 7000, X-am 8000	8317409	332
CC-Vision Basic (Free download from www.draeger.com/software)	Required for setup. Can download data logger	FOC	
GasVision 7 license key (Software download from www.draeger.com/software)	Reports and Trends from Data loggers. License key is supplied. Software must be downloaded from the Dräger website. Gas-vision is not a server installation. Install on single PC only.	8325646	332

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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X-AM 8000



The Dräger X-am 8000 is a smart and lightweight 1-7 Gas Detection Instrument, which is specially designed for the requirements of clearance measurements for confined space entry and leak search. It can be equipped with an internal pump. Furthermore a broad combination of infrared sensor, catalytic, PID and electrochemical sensors are possible.

A simultaneous measurement of up to 7 gases guarantees a reliable monitoring of the ambient air to explosive gases and organic vapours as well as O₂ and other toxic gases. In order to accommodate a wide range of customer requirements each Dräger X-am 8000 is assembled immediately before delivery according to the customer specifications ("Assemble to Order").

An order for a complete instrument consists of:

- Instrument Incl. power pack, shoulder strap
- opt. charging accessory
- opt. pump Incl. adapter
- opt. sensors IR / CAT / PID / EC
- opt. special calibrations
- opt. customer configuration
- Incl. manufacturer and calibration certificate

X-am 8000 (Construction kit - Order entered as a configurator) -

At least one sensor must be chosen.

Complete configuration to be supplied to customer service. Country specific (AU or NZ) settings will be selected by default. For special conditions, please select the basic instrument and add sensors as required.

Use Configurator to order this Part number

Enclosed in instrument: Adjustable alarm levels, Rechargeable Lithium Ion battery, Inductive charging unit, Power supply, shoulder strap, Instruction for use, Event and data logger, Manufacturer certificate & Calibration certificate

8325800

334

X-am 8000 Basic instrument (Diffusion version)

Includes: X-am 8000, Li-Ion battery, shoulder strap, manufacturer certificate. Not Included: Pump, sensors, inductive power unit, power supply

8325865

334

X-am 8000 Basic instrument (Pump version)

Includes: X-am 8000, Li-Ion battery, pump, pump adapter, shoulder strap, manufacturer certificate. Not Included: Sensors, inductive power unit, power supply

8325875

334

Sensors for use with X-am 8000- Refer Sensor page for more info

Dräger sensor PID HC (0-2000ppm)

1-5 Sensors selectable. Max 7 gases.

6813475

364

Dräger sensor PID LC ppb (0-10ppm)

Add spare set sensor absorber 6813767 when retrofitting PID sensor to X-am 8000 8325865 & 8325875

6813500

364

Spare set sensor absorber

Please note: Sensor absorber set will need to be ordered when adding PID/IR/CAT sensor to the X-am device

6813767

393

For additional sensors please have a look at the sensor price list.

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
X-am 8000 Charging Accessories			
Inductive power unit	Module for charging 1 device	8325825	336
Power supply (worldwide)	For 1 device	8316997	981
Power supply (worldwide)	For up to 5 devices	8316994	981
Head adapter – Multicharger	Use in combination with 8321850 to charge up to 20 instruments	8325736	336
Power supply 6.25A	Head adapter 8325736 required to use this power supply – charge up to 20 instruments	8321850	981
Car adapter 12V/24V	For up to 5 devices	4530057	981
Car mounting unit	for 1 Inductive power unit	8327636	336
X-am 8000 Accessories			
X-am 8000 pump	Spare part pump only	8326805	393
X-am 8000 Bluetooth module		8326827	336
Rubber boot, removable		8325858	336
Leather bag (device)		8327664	980
Dräger X-am 8000 case, plastic, black	w/o content	8327661	980
Dräger X-am 8000 case with PID accessories & tubes and ES 150 probe	Case with PID accessories & probe. add instrument	8327845	336
Leather bag set PID 8327664 & 8327663		8327639	980
Display protection foil (3 pcs)		8326828	336
Shoulder strap, complete	Comes with the device	8326823	336
Side carrying strap (extractable)		8323032	402
Label holder for shoulder strap	Comes with the device	8326824	336
Label for holder, silver (5 pcs)		8327645	336
Base, to raise the device for Area monitoring		8325874	336
RFID transponder reader		6559283	541
RFID transponder tag		8326814	393
X-am 8000 PID Accessories			
Pre tube holder	Attaches to the pump adapter	6813769	336
Pre tube Benzene (10 pcs.)		8103511	321
Pre tube humidity (10 pcs.)		8103531	321
Pre tube carbon (10 pcs.)		CH24101	321
Tube opener TO 7000		6401200	311
PID lamp cleaning set		8319111	393
Bag for PID Accessories & tubes		8327663	980

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
X-am 8000 Pump Accessories			
Pump adapter (delivery content with pump)		8326820	336
Dust – and water filter (delivery content with pump)		8319364	393
Set of 20 filter discs	without Luer adapters	3705997	956
5 m FKM hose ID 3,2 mm with adapter		8325705	956
10 m FKM hose ID 3,2 mm with adapter		8325706	956
20 m FKM hose ID 3,2 mm with adapter		8325707	956
45 m FKM hose ID 3.2 mm with adapter		8328212	956
Float probe black EPP, Incl. 3 m FKM hose ID 3,2 mm		8325831	956
Float probe black EPP, Incl. 10 m FKM hose ID 3,2 mm		8325832	956
Float probe transparent with luer adapter		8327654	956
Telescopic probe ES 150		8316533	956
X-am 8000 Calibration accessories			
Calibration adapter		8326821	332
Dräger X-dock Module X-am 3500 / 8000+ (charging option)	Please see X-dock pages	8321894	332
Nonane checker X-am 8000		8325861	336
X-am 8000 communication accessories and spare parts			
Dräger GasVision7 Licence key	Reports and Trends from Data loggers. License key is supplied. Software must be downloaded from the Dräger website	8325646	332
CC-Vision Basic (Free download from www.draeger.com/software)	Required for setup. Can download data logger		
USB DIRA with USB cable	Use with X-am 1/2/5, X-am 7000, X-am 8000	8317409	332
DIRA Holder X-am 8000		8325859	336
Li-Ion battery incl. back cover	For X-am 8000/3500	8326817	336
Front cover incl. membranes	For X-am 8000	8326802	393

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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DRÄGER X-AM 3500

The Dräger X-am® 3500 was especially designed for clearance measurements. The 1 to 4 gas detector reliably detects flammable gases and vapours as well as O₂, CO, H₂S, NO₂ or SO₂. The innovative signalling design and extensive range of accessories ensure optimum safety and easy handling.

Delivery content:

- Internal Pump with pump adapter
- Rechargeable Lithium Ion Battery
- Crocodile Clip
- Instruction for use (de, en, fr, es, pt, it, nl, ru, zh, ja)
- Event- and data logger
- Manufacturer Certificate & Calibration Certificate

Instrument with exchangeable sensors but not expandable.

Standard calibration of the Ex-sensor:

Methane 0-100 % LEL

Dräger X-am 3500			
Dräger X-am 3500 Ex, O ₂		8328412	334
Dräger X-am 3500 Ex, O ₂ , H ₂ S LC		8328414	334
Dräger X-am 3500 Ex, O ₂ , CO LC		8328416	334
Dräger X-am 3500 Ex, O ₂ , CO LC, H ₂ S LC		8328418	334
Set Dräger X-am 3500 4Gas incl. charging equipment	Dräger X-am 3500 Ex, O ₂ , CO LC, H ₂ S LC 8328418 incl. inductive power unit 8325825 and power supply 8316997	8328419	334
Dräger X-am 3500 Ex, O ₂ , CO LC, NO ₂		8328422	334
Dräger X-am 3500 Ex, O ₂ , H ₂ S LC, SO ₂		8328424	334
Dräger X-am 3500 Basic with Pump	Incl. Li Ion battery and pump, w/o sensors	8328420	334
Sensors			
Dräger Sensor CatEx 125 PR*		6812950	364
Dräger Sensor XXS O ₂ *		6810881	368
Dräger Sensor XXS CO-LC*		6813210	368
Dräger Sensor XXS H ₂ S LC*		6811525	368
Dräger Sensor XXS NO ₂		6810884	368
Dräger Sensor XXS SO ₂		6810885	368

* 3 years manufactures warranty

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Charging Accessories			
Inductive power unit	For charging of 1 device	8325825	336
Power supply	for 1 device	8316997	981
Power supply	Up to 5 devices	8316994	981
Car adapter 12V/24V	Up to 5 devices	4530057	981
Car mounting unit	For 1 Inductive power unit	8327636	336
Calibration Accessories			
Calibration adapter		8326821	332
Dräger X-dock Modul X-am 3500/8000		8321893	332
Dräger X-dock Modul X-am 3500/8000+ (charged)		8321894	332
Nonane checker X-am 3500/8000		8325861	336
Communication Accessories			
Dräger GasVision7 Licence key Dräger CC-Vision Basic	Free of charge available at the Internet www.draeger.com	8325646	332
USB DIRA with USB cable	For Dräger-X-am 1/2x/5x00, 3500 Dräger X-am 7000, X-am 8000 and Dräger Interlock; communication adapter Infrared to USB	8317409	332
DIRA Holder X-am 3500/8000		8325859	336
Spare parts			
Li-Ion battery incl. back cover		8326817	336
Front cover incl. membranes		8328604	393

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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DRÄGER X-pid



The seeker PID gas measurement is ideal for users who frequently test for hazardous toxic substances. The analysis mode then allows to selectively detect the gas sample on benzene, butadiene and other volatile organic compounds (VOCs) even in the smallest concentrations.

The Ex approved X-pid gas measurement device allows for short test times and laboratory quality results.

Dräger X-pid 9000			
Measurement device for the measurement of VOCs - benzene and / or 1.3 butadiene selectively	Consisting of: sensor unit and power supply, control unit with preinstalled Mobile App, power supply and charging cable, shoulder strap, 2 water and dust filter, gassing adapter	6851847	
Dräger X-pid 9500 AUS/SGP			
Measurement device for the measurement of VOCs - various VOCs selectively	Consisting of: sensor unit and power supply, control unit with preinstalled Mobile App, power supply and charging cable, shoulder strap, 2 water and dust filter, gassing adapter	6850015	306
Upgrade X-pid			
Individual licence to Upgrade X-pid® mobile app from version 9000 to version 9500.	Only necessary if the customer decides on an X-pid 9500 later on.	on request	
Calibration Accessories			
Test gas 10 ppm isobutylene / 10 ppm toluene, 58 L		3505245	336
Test gas 5 ppm benzene, 58 L		6814050	953
Control valve basic 0.5 LPM		6810397	953
Charging Accessories			
Power supply Dräger X-pid		6850018	306
Bags and Cases			
Case for Dräger X-pid® 9000 / 9500	Empty case with inlay for one X-pid instrument and space for: power supply for sensor unit, control unit with preinstalled Mobile App, power supply and charging cable for control unit, shoulder strap, 2 water and dust filter, gassing adapter, control valve basic and test gas 58 L	6851851	980
Carrying strap Dräger X-pid		6851846	393

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Hoses with 5 mm inner diameter			
FKM hose (color black, solvent resistant), max. order length 50 meter		1203150	956
PTFE-lined Tygon hose, 3 meters		8326980	956
PTFE-lined Tygon hose, spool of 15 meters		4594679	956
Hoses with 3 mm inner diameter			
FKM hose (color black, solvent resistant)	Max. order length 100 meter	8325837	956
FKM hose (color black, solvent resistant)	5 meter incl. adapters	8325705	956
FKM hose (color black, solvent resistant)	10 meter incl. adapters	8325706	956
FKM hose (color black, solvent resistant)	20 meter incl. adapters	8325707	956
Probes			
Float probe	W/o hose	6802337	956
Float probe	5 cm hose and 5mm luer female adapter	8327654	956
Telescopic probe ES 150		8316533	956
Bar probe 90	With accessories	8316532	956
Bar probe 400		8317188	956
Float probe	Including 3 m FKM hose with 3 mm inner diameter	8325831	956
Adapters			
Spare set filter X-am 125 pump/X-dock	1x water and dust filter, 1x hose connector for pump, 1x Adaptor male	8319364	393
Set of 20 filter discs	Without Luer adapters	3705997	956
Gassing adapter Dräger X-pid	To be used for bump-tests and calibrations	6851850	393

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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X-ZONE 5500 / 5800

The Dräger X-zone 5500 and 5800 transform the Dräger personal gas detection instruments X-am 5000, 5100 and 5600 into innovative area monitoring devices.

Up to 25 units linked wirelessly each with an alarm of up to 110 dB. The Dräger X-zone 5500 provides a modbus output as well for integration to the control room system.

Via the potential-free alarm contact, the Dräger X-zone 5500 device can also be interconnected and operate with external equipment.

A personal gas detection instrument like a Dräger X-am 5000, 5100 or 5600 is necessary to initiate the Dräger X-zone 5500.

Dräger X-zone 5500 915 MHz, 24 Ah	Includes 120 hr. battery - needs charger	8324823	333
Dräger X-zone 5800 915 MHz, 24 Ah, Pump	Includes 120 hr. battery - needs charger	8329040	333
Charging Accessories			
Charging Plug	This works with X-zone 5500 and 5800. Charging in safe area only.	8320749	981
Power supply Ex 230V (w/o power cord)		8329000	333
Power cord AUS		8325393	336
Induction Charger		8322078	336
Replacement Battery	120 hr. 24Ah	8322921	393
Accessories and Spare Parts			
Instrument Holder - Diffusion		8323935	336
Instrument Holder - Pump Operation		8323936	336
Kit cover for X-am 5100 (pump)		8323938	333
Spare connector set (nozzle nut)		8319397	393
Gas Supply Adapter		8323314	336
Alarm Damper		8320110	336
		8320645	336
Stand 30cm			
		8321527	956
Dust and Water Filter for Pump inlet +10cm Viton hose			
Connecting Cable 25m		8321669	336

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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PAC SERIES

Accessories and Spare Parts for Pac 3500, Pac 5500 and Pac 7000 units.



For data download and PC connection

8318587

332

Connection cradle with USB cable

Leather Carry case

4543822

980



No IR inside

8318588

332

Flow through adapter

Lithium Battery

For Pac 3500, Pac 5500 and Pac 7000

4543808

981

Water and Dust Filter

pkt of 4 filters

8323615

393

PAC SERIES - PAC 6000



The maintenance-free Dräger Pac 6000 can be used without replacing the battery or the DrägerSensor for 2 years. The language-free display indicates the gas and actual gas concentration, the event logger shows up to 60 events.

Dräger Pac 6000 (Construction kit)	order via configurator	8326340	338
Pac 6000 H2S LC		8326320	338
Pac 6000 CO LC		8326321	338
Pac 6000 O2		8326322	338
Pac 6000 SO2		8326323	338

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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PAC SERIES - PAC 6500



The Dräger Pac 6500 has an unlimited operating time. A recalibration is necessary in an interval of up to 2 years. The language free display indicates the actual concentration and gas type. The data logger can be read out and allows a detailed documentation of Peak, TWA and STEL values.

Dräger Pac 6500 (Construction kit)	order via configurator	8326341	338
Pac 6500 H2S LC		8326330	338
Pac 6500 CO LC		8326331	338
Pac 6500 O2		8326332	338
Pac 6500 SO2		8326333	338

PAC SERIES - PAC 8000



The Dräger Pac 8000 has an unlimited operating time. It offers a number of sensors for gases of special applications. The language free display indicates the actual concentration and gas type. The data logger can be read out and allows a detailed documentation of Peak, TWA and STEL values.

Dräger Pac 8000 (Construction kit)	order via configurator	8326342	308
Dräger Pac 8000 NO		8326350	308
Dräger Pac 8000 CO2		8326351	308
Dräger Pac 8000 Cl2		8326352	308
Dräger Pac 8000 HCN		8326353	308
Dräger Pac 8000 NH3		8326354	308
Dräger Pac 8000 PH3		8326355	308
Dräger Pac 8000 OV		8326356	308
Dräger Pac 8000 OV-A		8326357	308
Dräger Pac 8000 NO2 LC		8326358	308
Dräger Pac 8000 Ozone		8326359	308
Dräger Pac 8000 Phosgene		8326360	308

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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PAC SERIES - PAC 8500



The Dräger Pac 8500 has an unlimited operating time. It offers dual sensors to cover two different gases present at the same time in special applications. The language free display indicates the actual concentration and gas type. The data logger can be read out and allows a detailed documentation of Peak, TWA and STEL values.

Dräger Pac 8500 (Construction kit)	order via configurator	8326343	308
Dräger Pac 8500 H2S LC/ CO LC		8326365	308
Dräger Pac 8500 O2/ CO LC		8326366	308
Dräger Pac 8500 CO H2-CP		8326367	308
Dräger Pac 8500 O2/H2S-LC		3702251	308
Dräger Pac 8500 CO/HCN		3702252	308

Accessories and Spare Parts for Pac units



For data download and PC connection

8318587

332

Connection cradle with USB cable

Leather Carry case		8328278	980
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No IR inside

8318588

332

Flow through adapter

Battery for Pac 6x00/8x00		8326856	336
Sensor grid Pac 8x00 – 4 pcs	Incl Grid dismantling tool	8326852	393
Sensor grid Pac 8x00 – 40pcs	Incl Grid dismantling tool	8326859	393
Sensor grid Pac 6x00 – 4pcs	Incl Grid dismantling tool	8326853	393
Sensor grid Pac 6x00 – 40pcs	Incl Grid dismantling tool	8326857	393

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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X-AM 5100

The Dräger X-am 5100 is a small lightweight 1-gas detection instrument which is specially designed for the requirements for personal monitoring.

It can be equipped with an electrochemical sensor either for Hydrogen Peroxide, Hydrazine or for Hydrogen Fluoride / Hydrogen Chloride

Dräger X-am 5100	Construction kit	8322750	308
Dräger X-am 5100 H2O2 Global	This Includes instrument with corresponding sensor. Battery and power supply not Included.	8326590	308
Dräger X-am 5100 HF/HCl Global	This Includes instrument with corresponding sensor. Battery and power supply not Included.	8326591	308
Replacement Sensors for X-am 5100			
XS EC H2O2	0 - 20 ppm	6809170	368
XS EC HF / HCL	0 - 30 ppm	6809140	368
XS EC Hydrazine		6809190	368
Power Supply Options			
Battery + Charger Options			
NiMH Charging Set (standard)	NiMH battery & charger with power supply	8318785	336
HC NiMH Charging Set (high capacity)	HC NiMH battery & charger with power supply	8322785	336
Battery only Options			
NiMH T4 Battery only		8318704	336
HC NiMH T4 Battery only		8322244	336
Alkaline Battery Holder T3/T4 (without batteries)	Add 2 x AA Batteries	8322237	336
AA Alkaline Battery - T4	2 required for 8322237	3539163	981
Charger Options			
Charging Set Basic	Module & Single Power supply only	8320333	336
Charging Module only		8318639	336
Single charger - 2.5 Amp output	For up to 5 modules	8316994	981
Car Charging Connector	12V or 24V supply	4530057	981
Vehicle charger mounting kit (For one charging module)	(Charging module not Included)	8318779	336
Additional strap for vehicle charger mounting kit		8318788	336

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Accessories		For X-am 5100	
Protection			
Case (without content)	Space for: power supply, probe, Calibration gas cylinder, ext. pump, 3 m Viton hose	8320467	980
Bump Testing and Calibration			
		6806291	332
Calibration Adaptor Viton			
Stainless Steel Regulator 0.5 L/min		6813104	953
Tygon hose PTFE lined 15 M length	good for HCL, Cl2, NH3	4594679	956
Tygon hose PTFE lined 1 M length	good for HCL, Cl2, NH3	3503493	956
Software and Communication			
USB DIRA with USB cable		8317409	332
CC-Vision Basic (Free download from www.draeger.com/software)	Required for setup. Can download data logger	FOC	
GasVision 7 license key (Software download from www.draeger.com/software)	Reports and Trends from Data loggers. License key is supplied. Software must be downloaded from the Dräger website	8325646	332

PORTABLE GAS DETECTION


PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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X-AM 7000










X-am 7000 is not order-able anymore.
Only spare-parts and sensors are available.







4 = Electrochemical sensors
5 = High powered ports

Charging Accessories			
Charging module	Requires either power supply 8315635 or multiple power supply 8315805	8316487	393
Power Supply	for up to 2 charging modules 8316487	8316994	981
Head adapter – Multicharger	Use in combination with 8321850	8325736	336
Power supply 6.25A	Head adapter 8325736 required to use this power supply	8321850	981
Adaptor for vehicles	12/24V. Requires module 8316487	8312645	981
Battery Compartments			
NiMH Power Pack, 4.8V/ 6Ah	HEAVY DUTY > 20 hours (diffusion mode) Warranty 2 years	8317454	393
Accessories and Spare Parts			
Carry Case, Nylon	With belt loop	8317684	393
Leather Carrying Case	With belt loop	8317683	393
Shoulder Strap	With mounting plate	8316878	393
Waist Belt	Requires mounting plate supplied with shoulder strap 8316878	8317682	393
Carrying Clip		8317771	393
	Replacement part, requires water & dust filter trap 8313648	8317639	393
Pump adaptor			
Rubber Boot	Replacement part	8317397	393



PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP	
	Set Sensor membrane	5 pieces	8317805	393
	Sealing Plate complete		8317836	393
	Pump - lower housing		8317406	334
	Car installation holder	For 1 x Charging Cradle	8318169	393
	Spare strap for Car holder		8318105	393
	Plastic Case X-am 7000		8322730	393
Sampling Accessories for All Portable Gas Detectors				
	Hand Aspirator	Requires Cal & Flow - through adaptor	6801933	956
	For X-am 7000		8313648	956
	Water and Dust Filter Trap			
	Filter with Luer Lock hose fitting		8319364	393
	Filter Set X-am 125 Attachable Pump			
	Set of 20 filter discs	without Luer adapters	3705997	956
	With internal tubing		8316530	956
	Telescopic probe up to 1.0m **			
	Includes a 1.5m FKM hose and a male adapter		8328667	956
	Set Probe GP 600			
			8316531	956
	Leakage Probe 70 (flexible) **			
	** Replacement hose	For 8316530 and 8316531	8318205	956
	ES 150 probe		8316533	956





PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
 Bar Probe 400	400 mm - Good for sampling in Grain	8317188	956
 Bar Probe 90	90 cm - Not Solvent Resistant!	8316532	956
Measurement Probe 1.5 m	Good for sampling in Grain	6408239	956
 Float probe with 10m hose		6807097	956
Float probe	Requires tubing	6802337	956
Tygon tubing	Clear, inner diam. 5 mm, max length 15m	3539140	956
Tygon hose PTFE lined 15 M length	Good for HCL,Cl2,NH3	4594679	956
Tygon hose PTFE lined 1 M length	Good for HCL,Cl2,NH3	3503493	956
FKM hose ID 5mm – 1M length	Solvent resistant - Use for calibration purpose as well	1203150	956
FKM hose ID 3mm – 1M length	Solvent resistant	8325837	956
Sample tubing, 2m	Solvent resistant with weight at the end	6802279	956
5 m FKM hose ID 3,2 mm with adapter		8325705	956
10 m FKM hose ID 3,2 mm with adapter		8325706	956
20 m FKM hose ID 3,2 mm with adapter		8325707	956
45 m FKM hose ID 3.2 mm with adapter		8328212	956
Float probe black EPP, Incl. 3 m FKM hose ID 3,2 mm		8325831	956
Float probe black EPP, Incl. 10 m FKM hose ID 3,2 mm		8325832	956
Float probe transparent with luer adapter		8327654	956

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Software and Down Load Accessories for Portable Gas Detectors			
GasVision 7 liense key(Graphs)	Reports and Trends from Data loggers. License key is supplied. Software must be downloaded from the Dräger website	8325646	332
CC-Vision Basic (Configuration) Free Download from Internet	Required for setup. Can download data logger	FOC	
CC-Vision E-Cal Free Download from the Internet	Latest CC-Vision software for use with E-Cal system. Included with E-Cal master or module and is Free.	FOC	
Infrared & USB cable connector	Adapter Infrared to USB for Miniwarn, Dräger X-am 1/2/5/7000 & Interlock	8317409	332
	For Pac 3500, 5500, 6000, 6500, 7000, 8000 & 8500	8318587	332
Connection cradle with USB cable			
Calibration Adaptors			
	Flow through only - No PC connection	8318588	332
for Pac 3500, 5500, 7000 , 6000, 6500, 8000 , 8500			

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
	for Pac Ex / Pac II / Pac III / X-am 5100	6806291	332
	Does not come with instrument	8318752	332
	for X-am 1/2/5 Family		
	for X-am 3000	8317336	332
		8317656	332
	for X-am 7000		
		8326821	332
	For X-am 8000/X-am 3500		
	for X-am 7000 - sensor extension	For calibration with vapours	6809325
Equipment Cases			
	Please contact Dräger for various Pelican cases.		
Aluminium Case Small	310mm x 215mm x 70mm	3500096	980
Aluminium Case Medium	460mm x 325mm x 90mm	3500097	980
Aluminium Case Large	460mm x 325mm x 150mm	3539165	393
X-am 125 Moulded CSE case	For X-am 1/2/5000	8319385	393
X-am 125 Moulded Large	Space for 103L cylinder and regulators	8320467	980
Plastic Case X-am 7000		8322730	393
Dräger X-am 8000 case, plastic, black	w/o content	8327661	980
Air Liquide Carry Case (Blue)	Blue Plastic, fits 2 cylinders	3549108	980
Carry Bag for 3 x Cylinders		3502235	332






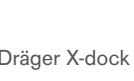

SENSORS FOR PORTABLE GAS DETECTORS

Part number	Gas	Measuring Range	Warranty time in months					Dangerous goods	Calibration frequency	Product Group	Pac 3500 / 5500	X-am 5100	X-am 2000	X-am 2500	X-am 3000	X-am 5000	X-am 5600	X-am 7000	MiniWarn	Pac III S/E	X-am 8000
			6	12	24	36	60														
XXS																					
6810882	CO	0 - 1999 ppm			X			6	368	X	X	X		X	X					X	
6813210	CO-LC	0-2000ppm			X			6	368					X	X					X	
6810883	H2S	0 - 200 ppm			X			6	368	X	X	X		X	X					X	
6810881	O2	0 - 25 Vol.-%			X			6	368	X	X	X		X	X					X	
6811410	CO / H2S DUAL	0 - 2000 / 0 - 200ppm		X				6	368					X	X					X	
6812545	Amine	0 - 100 ppm		X				6	368					X	X					X	
6813280	H2S-LC/CO-LC dual	0-100ppm/0-2000ppm		X				6	368					X	X					X	
6814137	O2/H2S-LC	0-25 Vol%/0-100ppm		X				6	368					X	X					X	
6813275	O2/CO-LC dual	0-25 Vol%/0-2000ppm		X				6	368					X	X						
6812010	CO HC	0 - 10000 ppm		X				6	368					X	X					X	
6811950	CO-H2 CP	0 - 2000 ppm		X				6	368					X	X					X	
6810890	CL2	0 - 20 ppm		X				6	368					X	X					X	
6810889	CO2	0 - 5 Vol.-%		X				6	368					X	X					X	
6812005	COCl2	0 - 10 ppm	X					6	368					X	X					X	
6810887	HCN	0 - 50 ppm		X				6	368					X	X					X	
6813165	HCN PC	0 - 50 ppm		X				6	368					X	X					X	
6812370	H2	0 - 2000 ppm		X				6	368					X	X					X	
6812025	H2 HC	0 - 4 %Vol		X				6	368					X	X					X	
6811525	H2S LC (ppb)	0 - 100 ppm			X			6	368					X	X					X	
6812015	H2S HC	0 - 1000 ppm		X				6	368					X	X					X	
6810888	NH3	0 - 300 ppm		X				6	368					X	X					X	
6812600	NO2-LC	0 - 50 ppm		X				6	368					X	X					X	
6810884	NO2	0 - 50 ppm		X				6	368			X		X	X					X	
6811545	NO	0 - 200 ppm		X				6	368				X	X	X					X	
6810886	PH3	0 - 20 ppm		X				6	368					X	X					X	
6812020	PH3 HC	0 - 2000 ppm		X				6	368					X	X					X	
6810885	SO2	0 - 100ppm		X				6	368			X		X	X					X	
6812385	O2 - 100	0 - 100 %Vol		X				6	368					X	X					X	
6812535	Odorant	0 - 40 ppm		X				6	368					X	X					X	
6811530	OV	0 - 50 ppm		X				6	368					X	X					X	
6811535	OV-A	0 - 50 ppm		X				6	368					X	X					X	
6800530	O2 PR	0 - 30 Vol%		X				6	368					X	X					X	
6800040	CO/HCN	0 - 2000ppm CO, 0-50ppm HCN		X				6	368					X	X					X	
XS EC																					
6809105	CO	0 - 2000 ppm			X			6	368							X	X	X			
6809110	H2S 100	0 - 100 ppm			X			6	368						X	X	X				
6809130	O2 - LS	0 - 25 %Vol			X		D	6	368						X	X	X				
6809545	Amine	0 - 100 ppm		X				6	368						X	X	X				
6809165	CL2	0 - 20 ppm		X				6	368						X	X	X				
6811360	CLO2	0 - 20 ppm		X				6	368						X	X	X				
6809120	CO HC	0 - 10,000 ppm		X				6	368						X	X	X				
6809175	CO2	0 - 5 %Vol		X				6	368						X	X	X				
6809185	H2	0 - 2000 ppm		X				6	368						X	X	X				
6811365	H2 HC	0 - 4 %Vol		X				6	368						X	X	X				
6809170	H2O2	0 - 20 ppm		X				6	368		X									X	
6809180	H2S HC	0 - 1000 ppm		X				6	368						X	X	X				
6809150	HCN	0 - 50 ppm		X				6	368						X	X	X				
6809140	HF / HCL	0 - 30 ppm		X				6	368		X									X	
6809190	Hydrazin	0 - 3 ppm		X				3	368											X	
6810295	Hydrazin D	0 - 3 ppm	X					disposable												X	
6809135	Hydrides	0 - 20 ppm		X			D	6	368						X	X	X				
6809125	NO	0 - 200 ppm		X				6	368						X	X	X				
6809155	NO2	0 - 50 ppm		X				6	368						X	X	X				
6809550	O2 100	0 - 100 %Vol		X				6	368						X	X	X				
6809200	Odorant	0 - 40 ppm		X				6	368						X	X	X				
6809115	OV	0 - 200 ppm		X				6	368						X	X	X				
6809522	OV - A	0 - 100 ppm		X			D	6	368						X	X	X				




SENSORS FOR PORTABLE GAS DETECTORS

Part number	Gas	Measuring Range	Warranty time in months					Dangerous goods	Calibration frequency	Product Group	Pac 3500 / 5500	Pac 7000	X-am 5100	X-am 2000	X-am 2500	X-am 3000	X-am 5000	X-am 5600	X-am 7000	MiniWarn	Pac III S/E	X-am 8000
			6	12	24	36	60															
6809535	PH3 HC	0 - 1000 ppm	X					D	6	368						X	X	X				
6808582	Phosgene ***	0 - 3 ppm	X						3	368												X
6810365	CO	0 - 2000 ppm		X					12	368					X	X	X					
6810370	H2S 100	0 - 100 ppm		X					12	368					X	X	X					
6810375	O2	0 - 25 Vol.-%		X				D	12	368					X	X	X					
6810575	H2S SR	0 - 100 ppm		X					6						X	X	X					
6809145	NH3	0-300ppm	X						6	368					X	X	X					
6809160	SO2	0 - 100 ppm	X					D	6	368					X	X	X					
XS R																						
6810258	CO	0 - 2000 ppm					X	D	6-12	368					X	X	X					
6810260	H2S 100	0 - 100 ppm					X	D	6-12	368					X	X	X					
6810262	O2 - LS	0 - 25 Vol.-%					X	D	6-12	368					X	X	X					
IR Infrared Sensors (IR)																						
6811960	Dual IR Ex/CO2 (X-am 5600)	Ex 0 - 100 %LEL / %Vol CO2 0 - 5 %Vol					X		6-12	364					X							X
6851880	Dual IR Ex/CO2 ES (X-am 5600/X-am 8000)	Ex 0 - 100 %LEL / %Vol CO2 0-5 Vol%					X		6-12	364					X							X
6851881	IR Ex ES (X-am 5600/X-am 8000)	Ex 0 - 100 %LEL / %Vol					X		6-12	364					X							X
6851882	IR CO2 ES (X-am 5600/X-am 8000)	CO2 0 - 5 %Vol					X		6-12	364					X							X
6800276	Dual IR Ex/CO2 HC (X-am 8000 only)	0-100 % Vol CH4, 0-100% LEL, 0-100 % Vol CO2					X		6-12	364												X
6810460	Smart IR-Ex (X-am 7000)	0 - 100 %Vol CH4 0 - 100 %LEL					X		6-12	364					X							
6810590	Smart IR-CO2 (X-am 7000)	0 - 5 %Vol					X		6-12	364					X							
6810599	Smart IR-CO2 HC (X-am 7000)	0 - 100 %Vol CO2					X		6-12	364					X							
Catalytic Explosive Sensors (Cat Ex)																						
6812950	Cat Ex 125 PR	0 - 100 %LEL			X				6	364	X	X	X									X
6813080	Cat Ex 125 Mining PR	0 - 100 %LEL		X					6	364		X	X									X
		0 - 100 %Vol CH4																				
6812980	Smart CatEx (PR)	0 - 100 %LEL		X					6	364					X							
6812970	Smart CatEx (HC PR)	0 - 100 %Vol CH4 0 - 100 %LEL		X					6	364					X							
Photo Ionisation Sensors (PID)																						
8319100	Smart PID			X						364					X							
6813500	Dräger Sensor PID LC ppb	for X-am 8000 0-10ppm		X						364												X
6813475	Dräger Sensor PID HC	for X-am 8000 0-2000ppm		X						364												X
8319110	PID lamp replacement			X						393					X							
External Water and Dust Filter																						
6808244	Water and Dust Filter for Miniwarn, Pac III, Pac Ex & microPac	Self adhesive. Not for THT, Cl2, NO2, H2O2, Odorant, COCl2 sensors							EA	956												
8323615	Water and Dust Filters for Pac 3500, 5500 & 7000								Packet of 4	393												
8317805	Sensor membrane X-am 7000								Packet of 5	393												
Internal Filter for Electrochemical Sensors																						
6809022	Filter D3T for XS CO sensor	Adsorbs H2S, SO2,NO2 Ethanol							EA	368												
6809198	Filter B2T for XS NO, XS Odorant and XS THT sensor	Adsorbs H2S, SO2 , CL2							Packet of 5	368												
6812424	Filter B2X for XXS HCN, HCN-PC sensor	Adsorbs H2S,SO2							Packet of 5	368												
6811344	Filter KX for XXS SO2 sensor	Adsorbs H2S							EA	368												


PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Bump Test Equipment and Accessories			
X-DOCK			
	Scalable calibration and configuration station to perform bump tests, create reports & calibration certificates for the portable detectors Dräger X-am 125 and Dräger Pac series and to administrate the gas detector fleet.		
	X-dock configurator: System is delivered completely assembled & tested from Luebeck. Selectable components are: Master, Modules, Hoses, Regulators, Cylinder holders, Wall brackets & Car charger. Power supply 8321850 is always added by default.	8328300	332
	Set consisting of a master (3 x Cylinder inputs) and one Dräger X-am 125 module. (Limited to 1 Module only) With PSU (No Regulators)	8321880	332
	Set consisting of a master (3 x Cylinder inputs) and one Pac module. (Limited to 1 Module only) With PSU (No Regulators)	8321881	332
	Set consisting of a master (3 x Cylinder inputs) and one Dräger X-am 8000 module. (Limited to 1 Module only) With PSU (No Regulators)	8321882	332
	With 3 x Cyl. inputs plus fresh air. Add modules (max. 10). Add PSU. Add regulators (1 per cylinder)	8321900	332
	With 6 x Cyl. inputs plus fresh air. Add modules (max. 10). Add PSU. Add regulators (1 per cylinder)	8321901	332
Dräger X-dock Module X-am 125	Cradle for one instrument of the X-am 125 series without charging function	8321890	332
Dräger X-dock Module X-am 125+	Cradle for one instrument of the Dräger X-am 125 series. With charging function.	8321891	332
Dräger X-dock Module Pac	Cradle for one instrument of the Dräger Pac series.	8321892	332
Dräger X-dock Module for X-am 8000 / 3500	Cradle for 1 X-am 8000/3500 non-charging version	8321893	332
Dräger X-dock Module X-am 8000 / 3500 (charging option)	Cradle for 1 X-am 8000/3500 charging version	8321894	332

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP	
Station Accessories				
	One for each cylinder (Not for Cl2, NH3)	8324250	332	
X-dock Regulator 0.5 bar fixed				
		8324251	332	
X-dock Reg 0.5 bar Incl. flow stop				
	X-dock Reg 0.5 bar stainless steel	Good for Cl2, NH3	8324252	332
X-dock hose clamp packed (5 Pcs)				
		8324095	332	
		8321986	393	
Sealing Cartridge X-am Module				
		8321987	393	
Sealing Cartridge Pac Module				
		8326543	393	
Spare Kit Gasket Retainer X-am 8000 module				
		8319364	393	
Filter set for pump inlet fresh air pump				
		8321804	332	
Spare display protective foil				
		8321839	332	
Sticker for module numbering 1 to 10				
		8321974		
Spare housing pad				
	FKM hose ID 5mm – 1M length	Solvent resistant - Use with X-dock	1203150	956
Tygon hose PTFE lined 15 M length				
	good for HCL,Cl2,NH3	4594679	956	
Tygon hose PTFE lined 1 M length				
	good for HCL,Cl2,NH3	3503493	956	
Tygon hose				
	Per meter	3539140	956	
Set of hose clamp (5 pcs.)				
		8324095	332	
Scanner Accessories				
	Barcode scanner	CINO FBC6860LR	8318792	336
	Barcode label	Outside use, 22 x 8 mm (500 labels per scroll)	AG02551	541
Power Supplies				
	Power supply 100-240 V; 24 VDC / 1.25 A	For up to 3 modules	8321849	981
	Power supply 100-240 V; 24 VDC / 6.25 A	For up to 10 modules	8321850	981
Vehicle connection 12 V / 24 VDC				
		8321855	981	

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
	(adjustable tipping angle)	8321910	332
Wall bracket comfort			
		8321922	332
Wall bracket basic			
	(table version)	8321918	332
Cylinder holder			
	(for DIN rail / wall bracket)	8321928	332
Cylinder holder wall mount			
Software Licenses			
X-dock manager – Single PC	Max 1 X-dock station – no network	8328605	332
X-dock manager Network	Unlimited stations- 1 year updates included. No updates after expiration, however the last version continues to operate	8328606	332
X-dock manager Network (subscription)	Unlimited stations – 1 year subscription price with automatic renewal every year unless subscription is cancelled	8328607	332
X-dock manager installation/remote assistance	Dräger professional services	POA	

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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PORTABLE GAS DETECTION INSTRUMENTS

SOFTWARE SOLUTIONS

DRÄGER GAS DETECTION CONNECT



Dräger Gas Detection Connect is your connection to the digital future of occupational safety. The system networks individual Dräger products through a smart software solution. Thanks to location- and time-independent access, you manage your equipment fleet optimally and always have the position and status of your gas detection devices and workers in view.

Intro License			
includes: Access, infrastructure, connection of up to 99 X-dock stations, 5.000 credits. <i>Valid for one year after activation</i>			
Gas Detection Connect Introduction License		3719332	337
Basic License			
includes: Access, data storage, maintenance, automatic feature updates, troubleshooting, 24/7 support hotline.			
Gas Detection Connect Basic		3719809	337
Asset Licenses			
includes: Connection to supported X-dock stations			
Gas Detection Connect Asset Lite	One X-dock station, not extendable, no basic license needed	3719811	337
Gas Detection Connect Asset License	Definable number of X-dock stations, needs basic license, Price is per X-dock station	3719810	337
Live Monitoring License			
includes: Credits for sending data from gas detection devices to the backend via gateway app			
Gas Detection Connect Credits	Available for order in packages of 1000 credits	3719814	337

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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AUTOMATIC BUMP TEST STATIONS



Bump tests the instrument automatically. Requires 58 or 103 Litre cylinder. No printer available.

Add Test Gas as required

Bump test Station Pac Series	No link to Mobile printer	8317410	332
Bump test Station X-am 7000		8318909	332
Bump test Station X-am 7000 with Printer		8321009	332
Bump test Station X-am 125		8319131	332
Equipment for Manual Bump Testing			
Trigger Regulator 0.5 L/min	C10 valve	3500579	953
Demand Flow regulator	To test instrument with pump - C10	3590035	332
Sample tubing, Tygon		3539140	956
Calibration adaptor for X-am 1/2/5 Family		8318752	332
Calibration adaptor for X-am 7000		8317656	332
Calibration adaptor X-am 8000 / X-am 3500		8326821	332
Tygon hose PTFE lined 15 M length	good for HCL,Cl2,NH3	4594679	956
Tygon hose PTFE lined 1 M length	good for HCL,Cl2,NH3	3503493	956
Stainless Steel Regulator 0.5 L/min	Good for CL2 or NH3 & HCL	6813104	953
Calibration adaptor for Pac X-am 5100 / Pac III / Pac Ex		6806291	332
PC Communication cable (mini-USB)		8318657	981

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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CALIBRATION GAS & REGULATORS



Calibration gas is available in a wide variety of mixtures and different ranges so if a mix of gas that your customer requires is not listed below please check with customer service to make sure it is available

Standard Mixes	Size and Shelf Life		
Gas Mixtures with CO₂			
5 50ppm CO /15ppm H ₂ S /2.5% CH ₄ /18% O ₂ /2% CO ₂ in N ₂	112 Ltr 24 months	3500976	953
5 100ppm CO /25ppm H ₂ S /2.5% CH ₄ /18% O ₂ /2% CO ₂ in N ₂	112 Ltr 24 months	3502536	953
5 50ppm CO /15ppm H ₂ S /2.5% CH ₄ /18% O ₂ /2% CO ₂ in N ₂	58 Ltr 24 months	3500702	953
4 100ppm CO /2.5% CH ₄ /2% CO ₂ /18% O ₂ in N ₂	103 Ltr 36 months	3502550	953
4 15ppm H ₂ S /2.5% CH ₄ /18% O ₂ /2% CO ₂ in N ₂	112 Ltr 24 months	3500974	953
5 100ppm CO /25ppm H ₂ S /0.7 Pent /2.5% CO ₂ /18% O ₂ in N ₂	75 Ltr 24 months	3502629	953
5 100ppm CO / 15ppm H ₂ S / 2.5% CH ₄ /18% O ₂ / 2% CO ₂ in N ₂	112 Ltr 24 months	3503548	953
5 100ppm CO /25ppm H ₂ S /0.35 Pent /2% CO ₂ /19% O ₂ in N ₂	58 Ltr 24 months	3502537	332
4 - Gas Mixtures (CO / H₂S / Ex / O₂)			
4 100ppm CO /15ppm H ₂ S /2.5% CH ₄ /18% O ₂ in N ₂	112 Ltr 24 months	3500973	953
4 100ppm CO /25ppm H ₂ S /2.5% CH ₄ /18% O ₂ in N ₂	112 Ltr 24 months	3500987	953
4 100ppm CO /15ppm H ₂ S /2.5% CH ₄ /18% O ₂ in N ₂	58 Ltr 24 months	3532052	953
4 100ppm CO /25ppm H ₂ S /2.5% CH ₄ /18% O ₂ in N ₂	58 Ltr 24 months	3500237	953
4 100ppm CO /15ppm H ₂ S /2.5% CH ₄ /18% O ₂ in N ₂	34 Ltr 24 months	3501277	953
4 100ppm CO /25ppm H ₂ S /2.5% CH ₄ /18% O ₂ in N ₂	34 Ltr 24 months	3501337	953







PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
4	50ppm CO /25ppm H2S /0.85% Propane /18% O2 in N2	58 Ltr 24 months	3500497 953
4	100ppm CO/25ppm H2S/0.85% Propane/18% O2 in N2	112 Ltr 24 months	3503420 953
4	100ppm CO /25ppm H2S /0.35 Pent /19% O2 in N2	112 Ltr 24 months	3501880 953
4	100ppm CO /25ppm H2S /0.35 Pent /19% O2 in N2	58 Ltr 24 months	3500482 953
4	100ppm CO /15ppm H2S /1.45% CH4 /18% O2 in N2	112 Ltr 24 months	3503298 953
Standard High Pressure Mixtures - Add correct Valve Connector and Regulator			
3	100ppm CO /2.5% CH4 /18% O2 in N2	1500 Ltr / BS4 valve (AS20)	3501808
4	100ppm CO /15ppm H2S /2.5% CH4 /18% O2 in N2	750 Ltr / BS15 valve (AS45)	3502259 953
4	100ppm CO /25ppm H2S /0.85% Propane /18% O2 in N2	750 Ltr / BS15 valve (AS45)	3501622 953
4	100ppm CO /25ppm H2S /0.35% Pentane /18% O2 in N2	650L	3504096 332
5	100ppm CO /25ppm H2S /2.5 % CH4 /18% O2/2% CO2 in N2	650L	3502533
	SO2 10ppm in N2	650L	3504097 332
	HCN 10ppm	650L	3504099 332
Non Reactive Mixtures			
	Zero Air < 1ppm THC	103 Ltr 36 months	3539895 953
1	100 %Vol Nitrogen	103 Ltr 36 months	3532017 953
1	100 %Vol Nitrogen	103 Ltr 36 months	3500964 953
1	2.5 %Vol CO2 in N2 or Air	103 Ltr 36 months	3539779 953
1	50 %Vol Methane in N2	58 Ltr 36 months	3532045 953
1	2.5 %Vol Methane in Air	103 Ltr 36 months	3500960 953
1	1.45 %Vol Methane in Air	103 Ltr 36 months	3503299 332
1	2 %Vol Hydrogen in Air	103 Ltr 36 months	3500959 953
1	0.1 %Vol Hydrogen in Air (1000 ppm)	103 Ltr 36 months	3501303 953
1	0.75 %Vol Pentane in Air	75 Ltr 36 months	3532039 953
1	0.35 %Vol Pentane in Air	103 Ltr 36 months	3500349 953
2	0.35 %Vol Pentane /19 %Vol O2 in N2	103 Ltr 36 months	3501857
1	0.48 %Vol Hexane in Air	31 Ltr 36 months	3549109 332
2	0.3 %Vol Hexane /17 %Vol O2 in N2	52 Ltr 36 months	3532049 332






PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
1 1.5 %Vol Ethane in Air	103 Ltr 36 months	3590469	332
1 100 ppm Isobutylene in Air	103 Ltr 36 months	3500963	953
1 100 ppm Isobutylene in Air	34 Ltr 36 months	3502964	953
100 ppm CO in Air	103 Ltr 36 months	3532009	953
100ppm CO/2.5% CH4/18% O2 in N2	103 Ltr 36 months	3539781	953
2.5% CH4/18 % O2 in N2	103 Ltr 36 months	3503279	953
18% O2 in N2	103 Ltr 36 months	3503698	953
10ppm Isobutylene/10ppm Toluene in N2	112 Ltr 12 months	3505245	336
10ppm Isobutylene in Air	103 Ltr 36 months	3505210	953
15H2S/100CO/100 Iso/2.5%CH4/18%O2 (Not for cal use for Bumptest only)	116 Ltr 24 months	3505263	953
Reactive Gases			
5ppm CL2 in N2	58 Ltr 9 months	3532027	953
10 ppm CL2 in N2	112 Ltr 9 months	3500966	953
10 ppm CL2 in N2	58 Ltr 9 months	3539593	953
10 ppm HCN in N2	58 Ltr 12 months	3532026	953
10 ppm HCL in N2	112 Ltr 8 months	3500958	332
10 ppm HCL in N2	58 Ltr 12 months	3539785	953
15 ppm H2S in N2	58 Ltr 24 months	3532005	953
25 ppm H2S in N2	58 Ltr 24 months	3500210	953
100 ppm H2S in N2	112 Ltr 12 months	3500969	953
25 ppm NH3 in N2	112 Ltr 24 months	3500970	953
50 ppm NH3 in N2	112 Ltr 24 months	3500971	953
10 ppm Ethylene Oxide in N2	58 Ltr 12 months	3500704	953
25 ppm NO in N2	58 Ltr 12 months	3532010	953
10 ppm NO2 in N2	58 Ltr 6 months	3532028	953
10 ppm NO2 in N2	112 Ltr 6 months	3504076	332
10ppm NO2 in Air	60 Ltr 12 months	3505679	953
10ppm NO2 in Air	112 Ltr 12 months	3505678	953
25 ppm NO2 in N2	58 Ltr 6 months	3532023	953
0.5 ppm PH3 in N2	58 Ltr 12 months	3532031	953
1 ppm PH3 in N2	58 Ltr 12 months	3502252	953
5ppm PH3 in N2	112 Ltr 18 months	3505701	953
5 ppm SO2 in N2	112 Ltr 24 months	3500967	953
10 ppm SO2 in N2	58 Ltr 24 months	3532016	953
10 ppm SO2 in N2	112 Ltr 24 months	3504020	953
10 ppm SO2 in N2	116 Ltr 24 months	3503171	953

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Regulators and Accessories			
			
Regulators for Small Cylinders			
	0.5 L/min Constant Flow - C10	3532012	953
Regulator Model 715 0.5L/			
Regulator Model 715 1.0L/min	1.0 L/min Constant Flow - C10	3501647	953
	0.5 L/min Constant Flow - C10	6813104	953
Stainless Steel Regulator			
	0.5 L/min Constant Flow - C10	3500579	953
Trigger Regulator 0.5 L/min			
	To test instrument with pump - C10	3590035	332
Demand Flow regulator			
	0.5 bar Constant Pressure - C10 (see X-dock Section for more options on regulators)	8324250	332
X-dock Regulator			
Sample tubing, Tygon	inner diam. 5 mm, max length 15m	3539140	956

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Accessories to Small Cylinders			
Canvas Carry Bag	3 cylinders	3502235	332
	Blue Plastic, fits 2 cylinders	3549108	980
Carry Case			
Cylinder Recycling Tool		3501075	332
HP Cylinder Regulators and Valve Adaptors			
HP regulator kit for Single cylinder (non-corrosive gas) to use with one X-dock		3503293	332
	Add X-dock regulator		
HP regulator kit for Single cylinder (corrosive gas) to use with one X-dock		3503295	332
	Add X-dock regulator		
HP regulator kit for Single cylinder (non-corrosive gas) to use with multiple X-docks (Includes wall mount panel)		3503296	332
	Add X-dock regulator		
HP regulator kit for Single cylinder (corrosive gas) to use with multiple X-docks (Includes wall mount panel)		3503297	332
	Add X-dock regulator		
3 Outlet Valve Panel 2 x C10 & 1 x 1/4" Tube		3502257	332

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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PORTABLE INSTRUMENTS FOR EMISSION CONTROL - DRÄGER MSI



Diesel Exhaust Emission Analyser with robust housing, datalogging, built in IR interface, sensors for CO (0-4000 ppm), NO (0-2000 ppm) & NO₂ (0-200 ppm). NO_x concentration calculated based on NO+NO₂ levels. Vehicle exhaust probe inc. 3m hose, gas preconditioner with condensate trap and charger all packed in an IP67 carry case.

MSI EM 200-E, complete kit	CO, NO, NO ₂ and No _x (calculated) Items in Kit: 1 x Carry Case (IP67) 1 x MSI EM200-E 1 x Power Supply 1 x Exhaust Probe 3m x Exhaust Hose	3501356	307
MSI EM 200-i, complete kit	CO, NO, NO ₂ , O ₂ and CO ₂ (calculated) (Kit items are the same as above but with MSI EM200-i)	3502531	



Dräger FG4200
Instrument for flue gas analysis




XXL performance in an exceptionally handy, compact format, weighing only 258 grams. The flue gas analysis device Dräger FG4200 is a master in its class and fulfils all service and maintenance requirements precisely, quickly and reliably. We offer different versions of appliance.

For the measurement of oxygen, carbon monoxide, combustion air temperature, flue gas temperature and pressure. Incl. colored touch-screen, integrated help function and customer data management. Set Dräger FG4200 Incl. printer Incl. Dräger FG4200, USB plug-in charger, mini USB cable, gas probe, infrared printer MSI IR3, bag, software*

5603068

The software is available for download on www.draeger-msi.de Please contact Dräger for more information

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
 <p>Dräger FG7000 Instrument for flue gas analysis</p>	<p>The new intuitive operating concept and the large coloured touchscreen simplifies the daily workflow. Measurements are quicker and easier to be done due to the plugable gaspreconditioner and the new connective probe system. We offer different versions of appliance.</p> <p>For the measurement of oxygen, carbon monoxide, nitrogen monoxide, combustion air temperature, flue gas temperature, low pressure and differential pressure. The capacitive coloured touchscreen allows a quicker and more effective operation. The Dräger FG7000 is operated using the capacitive touchscreen display. You can execute the tapping and swiping function on the screen with your finger. Dräger Set FG7000 NO Incl. Dräger FG7000, plug-in charger, USB cable, gas probe with integrated draft measurement, gas pressure hose, equipment case, consumable set FG7000, NO measuring channel, software*</p>	5603085	307
 <p>Dräger P4000 Instrument for pressure- and tightness measurements</p>	<p>The multi-functional Dräger P4000 for inspection assignments on Natural gas pipelines, liquefied petroleum gas pipelines and drinking water installations is remarkable for its light weight and handy size. A modern coloured touch-screen guarantees intuitive use of the device.</p> <p>For inspection assignments on natural gas pipelines, liquefied petroleum gas pipelines and drinking water installations. The Dräger P4000 leak tightness test system contains ready-made measuring programs Set Dräger P4000 3.5 bar (25 bar version is also available) Incl. pressure measuring instrument Dräger P4000, USB cable, USB power supply, pressure hose P4000, pump adapter 150 mbar with quick coupling and valve connection, pressure sensor EP35 with quick coupling and valve connection, 1/2" adapter with quick coupling, single pipe cap with quick coupling, hand pump, case, software*</p>	5603059	
	<p>Locating leaks often proves to be very demanding due to locations that are difficult to access. This is where the Dräger GS3 leakage detector comes in: as it is no larger than a ballpoint pen, even hard-to-reach places are no problem. The detector for flammable gases such as natural gas and liquefied petroleum gas detects even the smallest of leaks, indicated by a visual and acoustic alarm signal.</p>	5601000	307

**The software is available for download on www.draeger-msi.de

*The software is available for download on www.draeger-msi.de

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Optional Items			
IR Printer for MSI		5600401	307
Paper for IR Printer	6 Pieces	5690151	390
Software DEXAS	Dexas allows you to transfer Data directly from a MSI EM200 E instrument to Excel, download free from: http://www.draeger-msi.de/index.php/download-en/category/6-programs		
USB-Cable	For data downloading to PC	8318657	981
Accessories and Spare Parts			
Dräger Manifold probe	Was designed to meet the specific requirements of the coal mines in Australia. Attached to the manifold, the manifold probe is used as an accessory to quickly and easily analyse the emissions from internal combustion engines.		
	Includes: hose, probe, barbed hose connection & tail piece	3530010	
MSI EM 200-E / 150 E Vehicle Exhaust Probe		5600362	307
MSI Gas Tube per Meter		5630051	390
Gas probe	Length 150 mm, for gas and temperature measurement, Incl. 2.5 m line and mounting cone	5600298	307
Gas probe	Length 300 mm, for gas and temperature measurement, Incl. 2.5 m line and mounting cone	5600439	
Multi hole probe	5 to 15 cm, 1.5 m line and mounting cone	5600020	
Gas pressure probe	1.0 m hose with quick connector for measurement of gas flow and flow pressure of gas burners	5600365	
Power Supply for MSI EM200		8315635	981
Combustion air temperature sensor	Quick response	5600352	307
Extension	3 m for combustion air temperature sensor	5600517	
Air temperature probe	Length 270 mm	5600530	307
Magnetic holder	For 5600530	5600096	
Magnetic holder	For 5600356	5600528	
Equipment case	Black (Nanuk 915)	3502203	980
Disc Filter for gaspreconditioner	10 Pieces	5600093	456
Filter fleece for gaspreconditioner	10 Pieces, dia. = 26 mm	5630250	456
Gas-preconditioner complete		5610456	
Battery EM200		5680105	390

PORTABLE GAS DETECTION



PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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DRÄGER X-ACT 5000





Dräger X-act 5000 is the new Ex-approved automatic Dräger-Tube pump for the Measurement OR Sample taking of gasses, vapours and aerosols.

The Dräger X-act 5000 is used in conjunction with Dräger Short Term OR Sampling Tubes and systems. It is corrosion resist and its robust housing allows for it to be used under tough conditions on a daily basis while the user replaceable sulfur trioxide aerosol filter will protect the pump for up to 2 years.

X-act 5000 Basic (Without Laser)	Add Power supply	3707674	311
Power Packs			
Rechargeable Battery NiMH, T4		4523520	311
Charging Accessories			
Wall-Wart Charger (100 - 240 VAC)	Worldwide	4523545	981
Car Charger (12 / 24 VDC)		4523511	981
Accessories			
SO3 Filter Replacement		8103525	311
Shoulder Strap		4523565	
Resistant Tube (Dosage)		6527562	593
		6401200	311
Tube Opener Dräger TO 7000			
Extension Hose			
		6400561	311
Extension hose 1 m, Dräger Accuro & Dräger X-act 5000	Incl. Adapter for Simultaneous Test Set		

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
	Incl. Adapter for tubes, adapter for hose in a carry box	6400077	311
Extension hose 3 m, Dräger Accuro & Dräger X-act 5000			
	Incl. Adapter for tubes, adapter for hose	6400078	311
Extension hose 10 m, Dräger Accuro & Dräger X-act 5000			
Extension hose 30 m, Dräger X-act 5000			
	Incl. Adapter for tubes, adapter for hose	6401175	311

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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SHORT TERM MONITORING PUMP - ACCURO



The Accuro pump together with Dräger's broad range of short term detector tubes, provide a convenient and simple method for determining the presence and or concentration of specific airborne contaminants. This bellows type pump draws 100 cm³ of air with each pump stroke. It has a pressure controlled end of stroke indicator located in the pump head. An internal spring loaded scissors mechanism ensures an even and reproducible compression of the bellows is achieved with each pump stroke.

Accuro Multigas Detector Pump	Includes heavy duty tube opener	6400000	311
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Accuro Multigas Detector Kit	Includes carry case, spares kit and heavy duty tube opener	6400260	311
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Tube Opener Dräger TO 7000		6401200	311
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Extension Hose



Extension hose 1 m, Dräger Accuro & Dräger X-act 5000	Incl. Adapter for Simultaneous Test Set	6400561	311
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Extension hose 3 m, Dräger Accuro & Dräger X-act 5000	Incl. Adapter for tubes, adapter for hose in a carry box	6400077	311
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PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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Extension hose 10 m,
Dräger Accuro & Dräger X-act 5000

Incl. Adapter for tubes, adapter for hose

6400078

311

Extension hose 15 m ,
Dräger Accuro & Dräger X-act 5000

Incl. Adapter for tubes, adapter for hose

6400079

311

Accessories and Spare Parts for Multigas Detector Pumps

The hot air probe is engineered for the measurement of hot gases, such as flue gases above 40 degrees Celsius. Dräger's hot air probe is designed to cool down hot gases so they can be measured quickly and directly using Dräger's detector tubes. Probe length 250 mm.



Hot Air Probe

Dräger's Exhaust Probe is designed to directly analyse the exhaust emissions expelled from internal combustion engines.

CH00213

956

Dräger's Exhaust Probe is designed to directly analyse the exhaust emissions expelled from internal combustion engines.



Vehicle Exhaust Probe

Dräger's manifold probe was designed to meet the specific requirements of the coal mines in Australia. Attached to the manifold, the manifold probe is used as an accessory to quickly and easily analyse the emissions from internal combustion engines.

CH00214

956

Dräger's manifold probe was designed to meet the specific requirements of the coal mines in Australia. Attached to the manifold, the manifold probe is used as an accessory to quickly and easily analyse the emissions from internal combustion engines.

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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SHORT TERM MONITORING TUBES (ALPHABETICAL ORDER)



For use with Dräger Accuro Hand Pump or Dräger X-act 5000 Automatic Pump.

	Measuring Range	DG Status		
Acetaldehyde 100/a	100 - 1000 ppm		6726665	321
Acetic Acid 5/a	5 - 80 ppm		6722101	321
Acetone 40/a (5)	40 - 800 ppm		8103381	321
Acetone 100/b	100 -12,000 ppm		CH22901	321
Acid Test	Qualitative		8101121	321
Acrylonitrile 0.2/a			8103701	321
Air Current Tubes	Qualitative	DG	CH25301	321
Amine Test	Qualitative		8101061	321
Ammonia 0.25/a	0.25 - 3 ppm		8101711	321
Ammonia 2/a	2 -30 ppm		6733231	321
Ammonia 5/a	5 - 700 ppm		CH20501	321
Ammonia 5/b	5 - 100 ppm		8101941	321
Ammonia 0.5%/a	0.5 - 10 %Vol		CH31901	321
Aniline 0.5/a	0.5 - 10 ppm		6733171	321
Aniline 5/a	1 - 20 ppm		CH20401	321
Arsine 0.05/a	0.05 - 60 ppm		CH25001	321
Benzene 0.25/a	0.25-10ppm		8103691	321
Benzene 1/a	1 ppm		8103641	321
Benzene 2/a (5)	2 - 60 ppm	DG	8101231	321
Benzene 5/a	5 - 40 ppm		6718801	321
Benzene 5/b	5 - 50 ppm	DG	6728071	321
Benzene 15/A	15 - 420 ppm	DG	8101741	321
Benzene Pre Tube	Used with PID		8103511	321
n-Butanol 10/a	10-2000ppm		8103861	321
Carbon Dioxide 100/a	100 - 3000 ppm		8101811	321
Carbon Dioxide 100/a-P	100 - 3000 ppm		6728521	327
Carbon Dioxide 0.1%/a	0.1 - 6 %Vol		CH23501	321
Carbon Dioxide 0.5/a	0.5 - 10 %Vol		CH31401	321
Carbon Dioxide 1%/a	1 - 20 %Vol		CH25101	321
Carbon Dioxide 5%/A	5 - 60 %Vol		CH20301	321
Carbon Disulphide 3/a	3 - 95 ppm		8101891	321

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP	
Carbon Disulphide 5/a	5 - 60 ppm	DG	6728351	321
Carbon Disulphide 30/a	0.1 - 10 mg/L		CH23201	321
Carbon Monoxide 2/a	2 - 300 ppm	DG	6733051	321
Carbon Monoxide 5/c	5 - 700 ppm	DG	CH25601	321
Carbon Monoxide 8/a (Only For CO In H2)	8 - 150 ppm	DG	CH19701	321
Carbon Monoxide 10/b	10 - 3000 ppm	DG	CH20601	321
Carbon Monoxide 0.3%/b	0.3 - 7 %Vol	DG	CH29901	321
Carbon Tetrachloride 0.1/a	0.1 - 5 ppm		8103501	321
Carbon Tetrachloride 1/a (5)	1 - 15 ppm		8101021	321
Chlorine 0.2/a	0.2 - 30 ppm		CH24301	321
Chlorine 0.3/b	0.3 - 10 ppm		6728411	321
Chlorine 50/a	50 - 500 ppm		CH20701	321
Chlorine Dioxide 0.025/a Specific	0.025 - 1 ppm		8103491	321
Chloroform 2/a (5)	2 - 10 ppm	DG	6728861	321
Chloroformates 0.2/b	0.2 - 10 ppm		6718601	321
Chloromethane 10/a	0 - 75 ppm		8103911	321
Chloroprene 5/a	5 - 90 ppm		6718901	321
Chlorpicrine 0.1/a	0.1 - 2 ppm		8103421	321
Chromic Acid 0.1/a (9)	0.1 - 0.5 mg/m3		6728681	321
Cyanide 2/a	2 - 15 mg/m3		6728791	321
Cyanogen Chloride 0.25/a	0.25 - 5 ppm		CH19801	321
Cyclohexane 40/a	40- ppm		8103671	321
Diesel Fuel	25 - 200 mg/m3		8103475	321
Diethyl Ether 100/a	100 - 4000 ppm		6730501	321
Dimethyl Formamide 10/b	10 - 40 ppm		6718501	321
Dimethyl Sulphate 05/c (9)	05 - 0.05 ppm		6718701	321
Dimethyl Sulphide 1/a (5)	1 - 15 ppm		6728451	321
Epichlorohydrin 5/c	5 - 80 ppm		6728111	321
Ethanol 100/a	100-3000ppm		8103761	321
Ethyl Benzene 30/a	30 - 400 ppm		6728381	321
Ethyl Glycol Acetate 50/a	50 - 700 ppm		6726801	321
Ethylene 0.1/a (5)	0.2 - 5 ppm		8101331	321
Ethylene 50/a	50 - 2500 ppm	DG	6728051	321
Ethylene Glycol 10 (5)	10 - 180 mg/m3		8101351	321
Ethylene Oxide 1/a (5)	1 - 15 ppm		6728961	321
Ethylene Oxide 25/a	25 - 500 ppm		6728241	321
Fluorine 0.1/a	0.1 - 2 ppm		8101491	321
Formaldehyde 0.2/a	0.2 - 5 ppm		6733081	321

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Formaldehyde Activation Tube	Only for use with Formaldehyde 0.2/a (6733081).	8101141	321
Formaldehyde 2/a	2 - 40 ppm	8101751	321
Halogenated Hydrocarbon 100/a (8)	200 - 2600 ppm	DG 8101601	321
Hydrocarbon 0.1%/c	0.1 - 1.3 Vol%	DG 8103571	321
Hexane 10/a	10- ppm	8103681	321
Hydrazine 0.01/a	0.01 - 6 ppm	8103351	321
Hydrazine 0.25/a	0.1 - 10 ppm	CH31801	321
Hydrochloric Acid 1/a	1 - 10 ppm	CH29501	321
Hydrochloric Acid / Nitric Acid 1/a	1 - 10 ppm	8101681	321
Hydrochloric Acid Nitric Acid	1 - 15 ppm		
Hydrocyanic Acid 0.5/a	0.5 - 50 ppm	8103601	321
Hydrogen 0.2%/a	0.2 - 2 %Vol	8101511	321
Hydrogen 0.5%/a	0.5 - 3 %Vol	CH30901	321
Hydrogen Fluoride 0.5/a	0.5 - 90 ppm	8103251	321
Hydrogen Fluoride 1.5/b	1.5 - 15 ppm	CH30301	321
Hydrogen Peroxide 0.1/a	0.1 - 3 ppm	8101041	321
Hydrogen Sulphide 0.2/a	0.2 - 5 ppm	8101461	321
Hydrogen Sulphide 0.2/b	0.2 - 6 ppm	8101991	321
Hydrogen Sulphide 0.5/a	0.5 - 15 ppm	6728041	321
Hydrogen Sulphide 1/c	1 - 200 ppm	6719001	321
Hydrogen Sulphide 1/d	1 - 200 ppm	8101831	321
Hydrogen Sulphide 2/a	2 - 200 ppm	6728821	321
Hydrogen Sulphide 2/b	2 - 60 ppm	8101961	321
Hydrogen Sulphide 5/b	5 - 600 ppm	CH29801	321
Hydrogen Sulphide 100/a	100 -2000 ppm	CH29101	321
Hydrogen Sulphide 0.2%/A	0.2 - 7 %Vol	CH28101	321
Hydrogen Sulphide 2%/a	2 - 40 %Vol	8101211	321
Hydrogen Sulphide & Sulphur Dioxide 0.2%/a	0.2 - 7 %Vol	CH28201	321
Iodine 0.1/a	0.1 - 5 ppm	8103521	321
Mercaptan 0.1/a	0.1 - 15 ppm	8103281	321
Mercaptan 0.5/a	0.5 - 5 ppm	6728981	321
Mercaptan 20/a	20 - 100 ppm	8101871	321
Mercury Vapour 0.1/b	0.05 - 2 mg/m3	CH23101	321
Methanol 20/a	20-5000ppm	8103801	321
Methyl Acrylate 5/a	5 - 200 ppm	DG 6728161	321
Methyl bromide 0.1/a	0.1 to 50 ppm	3706301	321

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Natural Gas Odorization (Tertiary Butyl mercaptan)	1 - 15 mg/m3	8103071	321
Nickel Tetracarbonyl 0.1/a (9)	0.1 - 1 ppm	CH19501	321
Nitrogen Dioxide 0.1/a	0.1 - 30 ppm	8103631	321
Nitrogen Dioxide 2/c	2 - 100 ppm	6719101	321
Nitrous Fumes 0.2/a [NO+NO2]	0.2 - 6ppm	8103661	321
Nitrous Fumes 2/a [NO+NO2]	2 - 100 ppm	CH31001	321
Nitrous fumes 20/b	20 - 500 ppm	3706171	321
Nitrous Fumes 50/b	50 - 4000 ppm	8103941	321
Oil Mist 1/a	1 - 10 mg/m3	DG	6733031
Oil 10/a-P	0.1 - 10 mg/m3	DG	6728371
Olefine 0.05%/a Butylene	0.04 - 2.4 %Vol	CH31201	321
Organic Based Nitrogen Compounds	1 mg/m3 threshold	CH25903	321
Oxygen 5%/B (8)	5 - 23 %Vol	DG	6728081
Oxygen 5%/C	5 - 23 %Vol	DG	8103261
Ozone 0.05/b	05 - 1.4 ppm	6733181	321
Ozone 10/a	20 - 300 ppm	CH21001	321
Pentane 100/a	100-1500 ppm	6724701	321
Perchloroethylene 0.1/a	0.1 - 4 ppm	8101551	321
Perchloroethylene 2/a	2 - 300 ppm	8101501	321
Petroleum Hydrocarbons 10/a [N-Octane]	10 - 300 ppm	8101691	321
Petroleum Hydrocarbons 100/a [N-Octane]	100 - 2500 ppm	6730201	321
Phenol 1/b	1 - 20 ppm	8101641	321
Phosgene 0.02/a	0.02 - 1 ppm	8101521	321
Phosgene 0.25/c	0.25 - 5 ppm	CH28301	321
Phosphine 0.01/a	0.01 - 1 ppm	8101611	321
Phosphine 0.1/c	0.1 - 3 ppm	8103711	321
i-Propanol 50/a	50 - 4000 ppm	8103741	321
Phosphine 0.1/b in Acetylene	0.1 - 15 ppm	8103341	321
Phosphine 1/a	1 - 100 ppm	8101801	321
Phosphine 50/a	50 - 1000 ppm	CH21201	321
Phosphoric Acid Esters 0.05/a	0.05 ppm	6728461	321
Polytest	Qualitative	DG	CH28401
Simultaneous Test Set I (5) (Inorganic)		8101735	321
Simultaneous Test Set II (5) (Inorganic)		8101736	321
Simultaneous Test Set III (5) (Organic)		8101770	321
Simultantest Container Fumigation		8103380	321

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Styrene 10/a	10 - 200 ppm	6723301	321
Styrene 50/a	50 - 400 ppm	CH27601	321
Sulfuryl Fluoride 1/a	1 - 5 ppm	8103471	321
Sulphur Dioxide 0.1/a	0.1 - 3 ppm	6727101	321
Sulphur Dioxide 0.5/a	0.5 - 25 ppm	6728491	321
Sulphur Dioxide 1/a	1 - 25 ppm	CH31701	321
Sulphur Dioxide 20/a	20 - 200 ppm	CH24201	321
Sulphur Dioxide 50/b	50 - 8000 ppm	8101531	321
Sulphuric Acid 1/a (9)	1 - 5 mg/m3	6728781	321
Tertiary Butylmercaptan - Natural Gas Odorization	1 - 15 mg/m3	8103071	321
Thioether	1 mg/m3 threshold	CH25803	321
Toluene 5/b	5-300 ppm	8101661	321
Toluene 50/a	50 - 400 ppm	8101701	321
Toluene 100/a	100 - 1800 ppm	8101731	321
Toluene Diisocyanate 0.02/A (9)	0.02 - 0.2 ppm	6724501	321
Trichlorethylene 2/a	2 - 250 ppm	6728541	321
Trichlorethylene 50/a	50 - 500 ppm	8101881	321
Triethylamine 5/a	5 - 60 ppm	6718401	321
Vinyl Chloride 100/a	100 - 3000 ppm	CH19601	321
Water Vapour 0.1	1 - 40 mg/L	CH23401	321
Water Vapour 0.1/a	0.1 - 1.0 mg/L	8101321	321
Water Vapour 1/b	1 - 40 mg/L	8101781	321
Xylene 10/a	10 - 400 ppm	DG 6733161	321

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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LONG TERM MONITORING - DIFFUSION TUBES



Direct Indicating Diffusion Tubes (for long term monitoring - 8 hours).

The Dräger Direct-Reading Diffusion Tubes employ the principles of gaseous diffusion to enable the user to measure time weighted average concentrations for periods of up to 8 hours. To use simply insert the opened diffusion tube into the tube holder and attach to a pocket or lapel and note the starting time.

Diffusion Tube	Standard Range of measurement for 1 hour	Measurement range for 8 hrs		
Diffusion Tube Holder	(Packet of 3)		6733014	321
Ammonia 20/a-D	20 - 1500 ppm	2.5 - 200 ppm	8101301	321
Butadiene 10/a-D	10 - 300 ppm	1.3 - 40 ppm	8101161	321
Carbon Dioxide 1%/a-D	1 - 30 %Vol	0.13 - 4 %Vol	8101051	321
Carbon Dioxide 500/a-D	500 - 20000 ppm	65 - 2500 ppm	8101381	321
Carbon Monoxide 50/a-D	50 - 600 ppm	6 - 75 ppm	6733191	321
Hydrogen Sulfide 10/a-D	10 - 300 ppm	1.3 - 40 ppm	6733091	321
Nitrogen Dioxide 10/a-D	10 - 200 ppm	1.3 - 25 ppm	8101111	321


PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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DRÄGER SAMPLING TUBES FOR PASSIVE MONITORING



Passive sampling is performed with diffusion samplers like the Dräger ORSA or the Dräger Nitrous Oxide diffusion samplers. In contrast to active sampling the transport of the contaminant molecules is achieved by diffusion processes and not by using a pump. Contaminant molecules from the ambient air follow a defined diffusion course and are absorbed by the sorption agent of the diffusion sampler. The sample is then analysed in the laboratory by means of various analytical methods.

ORSA 5	Activated Charcoal from coconut shell charcoal with: 5 x sampling tubes, 5 x transportation jars, 5 x tube holders sample protocols & user instructions.	6728891	324
ORSA 25	Activated Charcoal from coconut shell charcoal with: 25 x sampling tubes, 25 x transportation jars, 25 x tube holders sample protocols & user instructions.	6728919	324
	(Packet of 3)	6733014	321
Diffusion Tube Holder			

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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LONG TERM MONITORING



Dräger Sampling Tubes and Systems for Active Sampling. For active sampling the air to be evaluated is drawn through the sampling tube with a constant flow pump or X-act 5000. The substance to be collected accumulates on the absorbent. The sample is then analysed in the laboratory by means of various analytical methods.

Dräger Tube	Primary Adsorption Layer	Backup Adsorption Layer		
Activated Charcoal Tube Type NIOSH	100 mg	50 mg	6728631	324
Activated Charcoal Tube Type B/G	300 mg	700 mg	8101821	324
Activated Charcoal Tube Type B	300 mg	700 mg	6733011	324
Activated Charcoal Tube Type G	750 mg	250 mg	6728831	324
Silica Gel Tube Type NIOSH	140 mg	70 mg	6728811	324
Silica Gel Tube Type B/G	480 mg	1100 mg	8101861	324
Silica Gel Tube Type B	480 mg	110 mg	6733021	324
Silica Gel Tube Type G	1100 mg	45 mg	6728851	324
Sampling Tube for Amines	300 mg	300 mg	8101271	324
Accessories and Spare Parts				
Aldehyde / Isocyanate Starter Set	Set required for sampling with the Aldehyde and / or Isocyanate Sampling Filter Set: consisting of 1 filter holder, connecting hose, adaptor, transport bottle.		6400872	324
Aldehyde Sampling Set	For sampling of aldehyde, Including analysis (e.g. Formaldehyde, Acetaldehyde, Glutardialdehyde) in air		6400271	324
Isocyanate Sampling Filters	20 impregnated filter for 10 measurements and transport bottle		6400870	
Isocyanate Sampling Set	For sampling of isocyanate, Including analysis (e.g. TDI, HDI, MDI) in air.		6400131	324
Rubber sealing caps			CH16631	311
Aldehyde Sampling Filters	20 impregnated filter for 10 measurements and transport bottle		6400871	324

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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LONG TERM MONITORING - BADGES

Dräger Badges with Direct Indication

Like the Dräger diffusion tubes, the Dräger Badges are used for long-term monitoring measurements and rely on the process of diffusion.



The Dräger Bio-check F is a colorimetric badge specifically designed to measure formaldehyde in the air. The badge is so sensitive that within a 2 hour sampling period, concentrations from 0.02 to 0.7 ppm can be measured. The measurements results of the Dräger Bio-check F are determined by comparing the discolouration of the badge with an enclosed set of colour standards. The badge comes complete with a uniquely shaped holder that clips easily onto the users clothing-or the device may be placed upright on a flat surface.

	Measuring Range	Measuring Time		
Bio-check F (Packet of 10)	0.02-0.7 ppm	2 hours	6400430	321
Bio-check F (Packet of 5x3)			6400465	321

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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GAS DETECTION KIT


Simultaneous Test Sets - Hazardous Gas Screening System, for after Fires, Fumigation, Cladestine Lab Investigation and Civil Defence.



The simultaneous test system offers different sets which are used with an adaptor (purchased separately) and a Dräger gas detector pump for the semi-quantitative determination of inorganic gases and organic vapours. Each test set is able to test for five different gases simultaneously. The simultaneous test sets provide on-site information to firefighter, HazMat teams, environmental agencies, First Responders, Police, Customs Authorities or any organisation with chemicals on site.

Simultaneous Test Set 1 (Inorganic Fumes)	Includes one each of the following tubes: Acid Gases (e.g. Hydrochloric Acid) Basic Gases (e.g. Ammonia) Carbon Monoxide Hydrocyanic Acid Nitrous Gases (e.g. Nitrogen Dioxide)	8101735	321
Simultaneous Test Set II (Inorganic Fumes)	Includes one each of the following tubes: Carbon Dioxide Chlorine Hydrogen Sulphide Phosgene Sulphur Dioxide	8101736	321
Simultaneous Test Set III (Organic Fumes)	Includes one each of the following tubes: Alcohols (e.g. Methanol) Aliphatic Hydrocarbons (e.g. n-Hexane) Aromatics (e.g. Toluene) Chlorinated Hydrocarbons (e.g. Perchloroethylene) Ketones (e.g. Acetone)	8101770	321
Simultaneous Test Indicator substances (Inorganic Fumes)	Includes one each of the following tubes: Carbon Monoxide Hydrocyanic Acid Hydrochloric Acid Nitrous Fumes Formaldehyde	8103170	321
Fumigation Test Set I For detection of gases used in Fumigation	Includes one each of the following tubes: Formaldehyde Phosphine Hydrogen Cyanide Methyl Bromide Ethylene Oxide	8103380	321

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
CDS Test Set I For Chemical Warfare Gases	Includes one each of the following tubes: Hydrocyanic Acid Phosgene Lewesite N-Mustard S-Mustard	8103140	321
CDS Test Set V For Chemical Warfare Gases	Includes one each of the following tubes: Phosphoric Acid Esters Phosgene Cyanogen Chloride Chlorine Thioether	8103200	321
Training CDS Set I	Used in training	8103230	321
Training CDS Set V	Used in training	8103240	321
Clandestine Lab Kit	Includes one each of the following tubes: Iodine Hydrochloric Acid Ammonia Phosgene Phosphine	8103310	321
Accessories and Spare Parts			
	Includes scoring element to open tubes	6400090	311
Adaptor (Simultaneous Test Sets)			
Adaption Set Fumigation -magnetic	Fit up aid for 8103380	8318110	311

Note: Dräger Tubes in the Simultaneous Test Sets are specifically calibrated to be used as a set. It is not recommended to mix tubes from any of the sets or use standard tubes with the simultaneous test set adaptor.

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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AIR CURRENT DETECTION KIT



Dräger's Air Current Detector Kit is used to detect air currents and their direction in the following circumstances:

- Checking fume hoods
- Determining ventilation in mines
- Detecting leaks in pipelines
- Accessing a HazMat incident
- Testing ventilating and air conditioning systems

Air Current Detector Kit



Complete with Rubber Ball Pump, Smoke Tubes, Tube Opener, Rubber Caps & User Instructions.

CH00216

321

Air Current Tubes (pack of 10)

DG

CH25301

321

Rubber Sealing Caps (pack of 10)

CH16631

311

Aspirater Bulb

CH12868

391

AIR FLOW CHECK



Produces an environmentally harmless cloud of smoke allowing slight air currents and leaks to become visible.

Air Flow Check

Battery charger 3703625 Included

6400761

311

Battery Charger

3703625

981

Air Flow Check Ampoules

3 ampoules per pack , Includes one nozzle

6400812

321

Battery Pack

6400817

391

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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GAS DETECTION KIT - DRÄGER AEROTEST

The Dräger AEROTEST 5000 is used to measure the quality of breathing air straight from either a low or a high pressure line.



Use the Dräger Aerotest 5000 to check the breathing air purity of a low pressure system (or high pressure system, with the corresponding accessories) in accordance with country-specific standards.

The system is automatic and extremely user-friendly.

Menu-driven measurement, downloading data and printing test certificates make testing and documenting with the Dräger Aerotest 5000 much easier.

Dräger Aerotest 5000	Includes: <ul style="list-style-type: none"> • Carrying case • Connecting hose w. quick connect • Wall wart supply (240 VAC) • 6 x AA Alkaline batteries • USB stick Incl. PC software • Tube opener Dräger TO 7000 • Stylus pen • Container for used Dräger-tubes (No tubes or Oil Impactor Included)	6401220	327
Pressure Reducer F 3002	Required for high pressure systems	3310794	327

GAS DETECTION KIT - DRÄGER AEROTEST

The Dräger AEROTEST ALPHA is used to measure the quality of breathing air delivered by a low pressure system.



- 3 to 15 bar
- carrying case
 - manifold with four tube holders
 - 1 x Barbed Nipple
 - 1 x Bubble test hose
 - packet of 5 sinter filters
 - stop watch
 - 1 Box of 10 Dräger-Tubes, Carbon Dioxide 100/a-P
 - 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P
 - 1 Box of 10 Dräger-Tubes, Water Vapour 20/a-P
 - tube cutter
 - impactor adaptor
 - 1 box of 10 oil impactor

Aerotest ALPHA		6527150	327
Aerotest ALPHA	(without Dräger tubes)	6527149	327

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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The Dräger AEROTEST SIMULTAN HP is used to measure the quality of breathing air straight from a high pressure line e.g. compressor fill point.



- 8 to 300 bar
- carrying case
- manifold with four tube holders
- 1 x Bubble test hose
- packet of 5 sinter filters
- high pressure reducer
- stop watch
- high pressure DIN adaptor
- 1 Box of 10 Dräger-Tubes, Carbon Dioxide 100/a-P
- 1 Box of 10 Dräger-Tubes, Carbon Monoxide 5/a-P
- 1 Box of 10 Dräger-Tubes, Water Vapour 20/a-P
- tube cutter
- impactor adaptor
- 1 box of 10 oil impactor

Aerotest Simultan HP		6525951	535
Aerotest Simultan HP	(without Dräger tubes)	6525937	535

The Dräger AEROTEST SIMULTAN CO₂ is used for quantitative measurement of contaminants in carbonic acid supply systems.



- carrying case
- manifold with four tube holders
- stop watch
- seven packets of tubes (H₂O, CO, CO₂, SO₂, H₂S, N)
- tube opener

Aero test Simultan CO ₂		6526170	327
Aero test Simultan CO ₂	(without Dräger tubes)	6526743	327

Multi Test - Medical Gases

With the Dräger AEROTEST MEDICAL INT. contaminants low-pressure systems in compressed air, nitrous oxide, carbon dioxide and oxygen according to USP (United States Pharmacopoeia) requirements can be measured.



- carrying case
- manifold with four tube holders
- stop watch
- six packets of tubes (Ammonia, H₂O, CO, CO₂, SO₂, H₂S, NO_x)
- tube cutter
- impactor adaptor / Oil Tubes
- one packet of oil impactor devices

MultiTest - Medical Gases	With Oil Impactors	6520260	327
MultiTest - Medical Gases	With Oil Tubes	6535122	
MultiTest - Medical Gases	(without Dräger tubes)	6527319	327

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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Aerotest - Navy

The Dräger AEROTEST NAVY is used to measure the quality of breathing air Including O2 straight from a high pressure line e.g. compressor fill point.



- carrying case
- manifold with four tube holders
- stop watch
- two high pressure DIN adaptors
- five packets of tubes (H2O, CO, CO2, O2, oil)
- Accuro pump
- tube cutter

Aero Test - NAVY		6525960	535
Aero Test - NAVY	(without Dräger tubes)	6525970	535

Accessories and Spare Parts

Carbon Dioxide 100a/P		6728521	327
Carbon Monoxide 5/a-P	DG	6728511	327
Oil 10/a-P		6728371	327
Oxygen 5%/C		8103261	321
Sulphur Dioxide 0.5/a		6728491	321
Water Vapour 5/a-P		6728531	327
Water Vapour 20/a-P		8103061	327
Hydrogen Sulphide 1/d		8101831	321
Oil Impactor	(Box of 10)	8103560	327



Tube Opener Dräger TO 7000

6401200 311

Impactor Adaptor		8103557	327
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PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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ANALYSE SYSTEM DRÄGER X-ACT 7000




Dräger X-act 7000 is an innovative optoelectronic analyser for the Dräger MicroTubes. After an automatic self-test, the device is ready for use immediately. It is characterized by a particularly comfortable operation: Insert the MicroTubes, start measuring and read measurement results on the colour display. 10 measurements in a row can be taken. The analyzed hazardous material concentration is displayed on the X-act 7000 display. MicroTubes can even take measurements in the ppb range.

Dräger X-act 7000	Consisting of: Basic device X-act 7000 incl. batteries, Shoulder strap complete, MicroTube Demo, Torx T10 Screwdriver, USB-Cable 2m with Mini-connection	8610800	328
Accessory			
USB charger for X-am Pump		8327102	981
Set Display protection foil (3 pcs.)		8326828	336
Set 5-AA X-act 7000 T4 =EX=		3703133	328
Pre Tube Holder X-act 7000		3701985	328
Dräger Tube ppb-Booster Basic		3702013	321
Tubeopener TO 7000		6401200	311
Shoulder strap, compl.		8326823	336
Labelholder for shoulder strap		8326824	336
Label for holder, silver (5 pcs.)		8327645	336
Label for holder, blue (5 pcs.)		8327646	336
Label for holder, red (5 pcs.)		8327647	336
Label for holder, green (5 pcs.)		8327648	336
Label for holder, yellow (5 pcs.)		8327649	336

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Pump Accessory			
Coupler X-act 7000			
		8610810	328
Dust- and water filter		8319364	393
5 m hose FKM 3 mm, cpl. with adapters		8325705	956
10 m hose FKM 3 mm, cpl. with adapters		8325706	956
20 m hose FKM 3 mm, cpl. with adapters		8325707	956
45 m hose FKM 3 mm, cpl. with adapters		8328212	956
Telescopic probe 100, with accessories		8316530	956
Telescopic probe ES 150, with accessories		8316533	956
Telescopic probe 90		8316532	956
Telescopic probe Leakage 70		8316531	956
Hose 4,76 x 1,59 mm,3 m, Tygon, PTFE		8326980	956
PTFE-lined tygon hose (15 m)		4594679	956
Hose connection set 3 mm		8327641	956
Spare Parts			
If you need any spare parts please order the following spare parts list.			
Dräger X-act 7000	E 4345.200		

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Dräger MicroTubes			
Dräger MicroTubes			
Acetone	25 - 5000 ppm	8610470	329
Ammonia	1-100ppm	8610130	329
Ammonia	100 - 2500 ppm	8610020	329
Alcohol(Methanol)	10 - 5000 ppm	8610380	329
Alcohol (Ethanol)	5 - 2500 ppm	8610380	329
Alcohol (i-propanol)	10 - 5000 ppm	8610380	329
Alcohol (n-Butanol)	7 - 3300 ppm	8610380	329
Benzene •	1 - 150 ppb	8610600	329
Benzene	0,15 - 10 ppm	8610030	329
1,3-Butadiene •	25 - 500 ppb	8610460	329
1,3-Butadiene	0,5 - 25 ppm	8610300	329
Carbon Dioxide	200 - 50,000 ppm	8610190	329
Carbon Monoxide	2 - 1000ppm	8610080	329
Chlorine	50 - 5000ppb	8610010	329
Demo	NA	8610290	329
Ethylenoxide	25 - 250 ppb	8610200	329
Ethylenoxide	0,25 - 10 ppm	8610580	329
Formaldehyde	5 - 150 ppb	8610540	329
Formaldehyde	0,15 - 3 ppm	8610100	329
Hydrochloric Acid	0.5 - 25 ppm	8610090	329
Hydrocyanic Acid	0.5 - 50 ppm	8610520	329
Hydrogen Sulfide	0.1 - 50ppm	8610050	329
Mercaptane	50 - 6000 ppb	8610360	329
Mercury	0,005 - 0,25 mg/m ³	8610350	329
Nitrogen Dioxide	0.25 - 25 ppm	8610120	329
Nitrous Fumes	0.25 - 50 ppm	8610060	329
Ozone	10 - 1000 ppb	8610430	329
Perchloroethylene	1 - 500 ppm	8610040	329
Petroleum Hydrocarbons	10 - 3000 ppm	8610270	329
Phosgene	10 - 1000 ppb	8610340	329
Phosphine	50 - 5000 ppb	8610400	329
Sulfur Dioxide	0.05 - 5 ppm	8610110	329
Toluene	10 - 1000 ppm	8610250	329
Xylene	10 - 1000 ppm	8610260	329

* Only in conjunction with Tube ppb Booster Basic (Part number 3702013), pre-tube holder to fix the ppb Tube Booster Basic to X-act 7000 (Part number 3701985)

Draeger Australia & New Zealand | Subject to modifications | www.draeger.com

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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CMS ANALYZER






The Dräger Chip Measurement System (CMS) makes spot measurements as easy as 1, 2, 3:

1. Start – insert chip
2. Measurement
3. Read measurement result on the LCD display.

The Dräger CMS combines the advantages of the Dräger-Tubes with those of an optoelectronic analysis system.

**THIS PRODUCT IS OBSOLETE.
SPAREPARTS & CMS CHIPS ARE STILL AVAILABLE**

Accessories and Spare Parts			
Remote System	Suitable for STANDARD Analyzer 6405300 only. Includes auxiliary pump, 3 metre hose, float probe	6405060	312
		8316530	956
Telescopic Probe 100			
Alkaline Batteries	Requires 4 x 'AA' batteries	3539163	981
	3 mm inner diameter, complete with float probe and adapter	8317614	391
3 meter extension hose			
10 meter extension hose	3 mm inner diameter, complete with float probe and adapter	8317613	391
		8319269	312
Adapter Dräger CMS			

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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CMS CHIPS (ALPHABETICAL ORDER)



	Measuring Range		
Acetic Acid	2 – 50 ppm	6406330	325
Acetone	40 – 600 ppm	6406470	325
Ammonia	10 - 150 ppm	6406020	325
Ammonia	2 - 50 ppm	6406130	325
Ammonia	0.2 - 5ppm	6406550	325
Ammonia	100 - 2,000 ppm	6406570	325
Benzene	0.2 - 10 ppm	6406030	325
Benzene	0.5 - 10 ppm	6406160	325
Benzene	10 - 250 ppm	6406280	325
Butadiene	1 – 25 ppm	6406460	325
Carbon Dioxide	1,000 - 25,000 ppm	6406070	325
Carbon Dioxide	200 - 3,000 ppm	6406190	325
Carbon Dioxide	1 - 20 %Vol	6406210	325
Carbon Monoxide	5 - 150 ppm	6406080	325
Chlorine	0.2 - 10 ppm	6406010	325
Ethanol	100 – 2500 ppm	6406370	325
Ethylene Oxide	0.4 - 5 ppm	6406580	325
Hydrochloric Acid	1 - 25 ppm	6406090	325
Hydrochloric Acid	20 - 500 ppm	6406140	325
Hydrocyanic Acid	2 - 50 ppm	6406100	325
Hydrogen Peroxide	0.2 – 2 ppm	6406440	325
Hydrogen Sulphide	2 - 50 ppm	6406050	325
Hydrogen Sulphide	20 - 500 ppm	6406150	325
Hydrogen Sulphide	100 - 2,500 ppm	6406220	325
Hydrogen Sulphide	0.2 - 5 ppm	6406520	325
i – Propanol	40 – 1,000 ppm	6406390	325
Mercaptan	0.25 – 6 ppm	6406360	325

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
MTBE	10 - 200 ppm	6406530	325
Nitrogen Dioxide	0.5 – 25 ppm	6406120	325
Nitrous Fumes	10 – 200 ppm	6406240	325
Oxygen	1 – 25 %Vol	6406490	325
o-Xylene	10 - 300 ppm	6406260	325
Ozone	25 – 1,000 ppb	6406430	325
Perchloroethylene	5 – 150 ppm	6406040	325
Petroleum Hydrocarbons	20 – 500 ppm	6406200	325
Petroleum Hydrocarbons	100 - 3,000 ppm	6406270	325
Phosgene	0.05 – 2 ppm	6406340	325
Phosphine	0.1 – 2.5 ppm	6406400	325
Phosphine	20 – 500 ppm	6406420	325
Phosphine	200 - 5,000 ppm	6406500	325
Propane	100 – 2,000 ppm	6406310	325
Styrene	2 - 40 ppm	6406560	325
Sulphur Dioxide	0.4 – 10 ppm	6406110	325
Sulphur Dioxide	5 - 150 ppm	6406180	325
Toluene	10 - 300 ppm	6406250	325
Training Chip		6406290	325
Trichloroethylene	5 – 100 ppm	6406320	325
Vinyl Chloride	0.3 - 10 ppm	6406170	325
Vinyl Chloride	10 - 250 ppm	6406230	325
Water Vapour	0.4 – 10 mg/L	6406450	325

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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CMS CHIPS (NUMERICAL ORDER)



	Measuring Range		
Chlorine	0.2 - 10 ppm	6406010	325
Ammonia	10 - 150 ppm	6406020	325
Benzene	0.2 - 10 ppm	6406030	325
Perchloroethylene	5 - 150 ppm	6406040	325
Hydrogen Sulphide	2 - 50 ppm	6406050	325
Nitrous Fumes	0.5 - 15 ppm	6406060	325
Carbon Dioxide	1,000 - 25,000 ppm	6406070	325
Carbon Monoxide	5 - 150 ppm	6406080	325
Hydrochloric Acid	1 - 25 ppm	6406090	325
Hydrocyanic Acid	2 - 50 ppm	6406100	325
Sulphur Dioxide	0.4 - 10 ppm	6406110	325
Nitrogen Dioxide	0.5 - 25 ppm	6406120	325
Ammonia	2 - 50 ppm	6406130	325
Hydrochloric Acid	20 - 500 ppm	6406140	325
Hydrogen Sulphide	20 - 500 ppm	6406150	325
Benzene	0.5 - 10 ppm	6406160	325
Vinyl Chloride	0.3 - 10 ppm	6406170	325
Sulphur Dioxide	5 - 150 ppm	6406180	325
Carbon Dioxide	200 - 3,000 ppm	6406190	325
Petroleum Hydrocarbons	20 - 500 ppm	6406200	325
Carbon Dioxide	1 - 20 %Vol	6406210	325
Hydrogen Sulphide	100 - 2,500 ppm	6406220	325
Vinyl Chloride	10 - 250 ppm	6406230	325
Nitrous Fumes	10 - 200 ppm	6406240	325
o-Xylene	10 - 300 ppm	6406260	325
Petroleum Hydrocarbons	100 - 3,000 ppm	6406270	325
Benzene	10 - 250 ppm	6406280	325
Training Chip		6406290	325

PORTABLE GAS DETECTION

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
Propane	100 – 2,000 ppm	6406310	325
Trichloroethylene	5 – 100 ppm	6406320	325
Phosgene	0.05 – 2 ppm	6406340	325
Mercaptan	0.25 – 6 ppm	6406360	325
Ethanol	100 – 2,500 ppm	6406370	325
Methanol	20 – 500 ppm	6406380	325
i – Propanol	40 – 1,000 ppm	6406390	325
Phosphine	0.1 – 2.5 ppm	6406400	325
Phosphine	1 – 25 ppm	6406410	325
Phosphine	20 – 500 ppm	6406420	325
Hydrogen Peroxide	0.2 – 2 ppm	6406440	325
Water Vapour	0.4 – 10 mg/L	6406450	325
Butadiene	1 – 25 ppm	6406460	325
Acetone	40 – 600 ppm	6406470	325
Oxygen	1 – 25 %Vol	6406490	325
Phosphine	200 - 5,000 ppm	6406500	325
Methylene Chloride	20 - 400 ppm	6406510	325
MTBE	10 - 200 ppm	6406530	325
Ammonia	0.2 - 5ppm	6406550	325
Styrene	2 - 40 ppm	6406560	325
Ammonia	100 - 2,000 ppm	6406570	325
Ethylene Oxide	0.4 - 5ppm	6406580	325
Benzene	50 - 2,500 ppb	6406600	325

PERSONAL PROTECTION EQUIPMENT

BREATHING APPARATUS CABE

PAS Lite / Accessories / Spare Parts	81
PSS 3000 / Lung Demand Valve	82
PSS 5000	83
PSS Airboss	86
Bodyguard 7000 version / LDV / Complete Sets	84
PSS 7000 / Accessories / Lines / LDV	85
PSS Safety Belt for PSS SCBA	90
Breathing Apparatus Secondary and Decontamination Lines	91
Bodyguard 1000 Personal Alert System (PASS)	90
Short Duration & Airline Breathing Apparatus Selection	96
PAS Colt Hip Mounted Unit	97
PAS Micro	101

AIRLINE TROLLEYS AND BREATHING PROTECTION

Automatic Switch Over Valve (ASOV)	104
Airline Hoses	107
PAS AirPack	108
PAS Filter	111
PAS Pressure Reducer	113
PAS MAC Mobile Breathing Air Compressor System	115

PERSONAL AIRLINE SYSTEMS

PAS X-plore Airline System	117
X-plore 9300	119
X-plore 9500	124

ENTRY CONTROL BOARDS

PSS Merlin - Telemetry	127
Regis Entry Control Board	129

CYLINDERS

FOR PAS LITE, PSS 3000, PSS 5000 & PSS 7000	130
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FULL FACE MASKS

Positive Pressure Masks	133
FPS Com 5000 & 7000	134
Com-Control 400, 440, 500	135
Communication systems - Mask Communication	136
Accessories Full Face Mask	139

CLEANING AND DISINFECTION

Oxivir disinfection wipes	140
PALTECH Multi Surface wipes	141
Neoform K plus	142

TEST EQUIPMENT

Testor	143
Quaestor 5000	144
Quaestor 7000	145

PROTECTIVE CLOTHING

Cool Vest	146
Air Fed Chemical Protection Suits - SPC 4700 with CVA 0700	148
Splash Protection - SPC 2400 / SPC 4400 / SPC 4800 / SPC 4900	155
Limited Use - CPS 5800 / CPS 5900	162
Reusable Gas Suit - CPS 6800 / CPS 6900 / CPS 7800 / CPS 7900	166
Gloves	175
Boots	177

HELMETS

HPS 3500	179
Accessories (inc. Goggles, Visors, Lamps) / Spare Parts	180
HPS SafeGuard	183
HPS 7000	181
Communication Systems - Helmet Communication	185

THERMAL IMAGING CAMERA

UCF FireVista	189
---------------	-----

FILTERING ESCAPE DEVICE

PARAT 1260 / 3160 / 3260	191
PARAT 4700 / 5500 / 7500	197
PARAT training hoods	
PARAT carrying & mounting accessories	189
PARAT 5550 fire service version	191

COMPRESSED AIR ESCAPE DEVICE

Saver CF	205
Saver PP	206

SELF RESCUERS

Oxy 3000 MKIII	211
Oxy 6000 MKIII	211

CLOSED CIRCUIT BREATHING APPARATUS

PSS BG4 Plus / Face Masks	216
Anti-Mist	217
BG4 Test Equipment / Accessories	218

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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BREATHING APPARATUS - CABE



Dräger PAS® Lite Compressed Air Breathing Apparatus for use in industrial applications where a simple, robust and easy to use breathing apparatus is required, the Dräger PAS® Lite Self-Contained Breathing Apparatus (SCBA) combines reliability with comfort and performance. Lightweight yet robust, this pneumatic gauge SCBA offers excellent service life as well as being easy to maintain.

Basic set consisting of:

- Basic set with QRC, shoulder pads and waist pad standard
- Carbon composite antistatic space frame
- Moulded handles for easy carrying
- Pull sideways waistbelt adjustment
- Camlock rubberised cylinder strap
- Accommodates single steel and carbon composite cylinders
- Sizes in the range 4L 200 bar to 9L 300 bar
- Balanced 1st stage reducer for 200 bar or 300 bar cylinder
- EN 137:2006 Type 2 (Fire Fighting)
- Photo-luminescent pneumatic pressure gauge
- Pneumatic warning whistle at reducer

Basic Set				
PAS Lite - A	PAS Lite with integrated lung demand valve (LDV)	3357774	1	902
PAS Lite - A	PAS Lite with integrated lung demand valve (LDV) and integrated Airline complete with an automatic switch over device	3358255	1	902
Complete Set				
PAS Lite Compliance 6.8ltr	PAS Lite FPS 7000 EPDM Medium Cylinder Air CF 6.8 Ltr 300 Bar RAV	3501686	1	902
Accessories and Spare Parts for PAS Series				
Dräger PAS ASV for PAS Lite - permanent fit	Permanent fit ASOV for use in conjunction with Dräger PAS Lite Breathing Apparatus and an external air supply	3358874	1	528
Dräger PAS ASV CPS for PAS Lite - permanent fit	Permanent fit ASOV for use in conjunction with Dräger PAS Lite Breathing Apparatus and an external air supply	3358850	1	528

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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The Draeger PSS® 3000 is a new generation of high performing breathing apparatus for firefighters. Combining comfort with exceptional pneumatic performance, it is designed for applications where simplicity and ease of use are key essentials.

Basic set consisting of:

- Basic set with QRC, shoulder pads and waist pad
- Carbon composite antistatic space frame
- Moulded handles for easy carrying
- Pull sideways waistbelt adjustment
- Camlock rubberised cylinder strap
- Accommodates single steel and carbon composite cylinders
- Sizes in the range 4L 200 bar to 9L 300 bar
- Balanced 1st stage reducer for 200 bar or 300 bar cylinder
- EN 137:2006 Type 2 (Fire Fighting)
- Photo-luminescent pneumatic pressure gauge
- Pneumatic warning whistle integrated with gauge at chest

Gauge Version				
PSS 3000 with gauge	Mask, LDV & Cylinder required for operation.	3357794	1	518
Complete Sets				
PSS 3000 Compliance 6.8ltr	PSS 3000 PSS LDV FPS 7000 EPDM Medium Cylinder Air CF 6.8 Ltr 300 Bar RAV	3501707	1	518
PSS 3000 Compliance 9ltr	PSS 3000 PSS LDV FPS 7000 EPDM Medium Cylinder Air CF 9 Ltr 300 Bar RAV	3501709	1	518
Lung Demand Valve				
Plus Lung Demand Valve	LDV with standard length hose	3338700	1	527
Plus lung demand valve Long hose	LDV with 890mm hose	3338701	1	527
H2S Plus Lung Demand Valve	LDV with standard length hose with H2S resistant diaphragm	3338967	1	527
LDV anti tamper labels	The LDV Anti-Tamper label allows gives a clear visual indication if the LDV cover has been removed outside of the workshop environment, offering the wearer additional peace of mind and confidence in the product.	3360475	1	516

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PSS 5000

The Dräger PSS® 5000 SCBA is a new generation high performance breathing apparatus for the professional firefighter. Combining advanced ergonomics with a wide range of configurable options the Dräger PSS® 5000 provides the user with the comfort and versatility to meet the demands of first responders whenever breathing protection is required.

- Ergonomic carrying system
- Advanced harness choice
- Service friendly & easy to maintain
- Integrated and Versatile hose routing
- Wide variety of system configurations and accessories
- Electronic Monitoring with the Dräger Bodyguard® 7000

To allow the breathing apparatus to be tailored to the required application, the Dräger PSS® 5000 utilizes new state-of-the-art harness materials offered in a choice of 2 harness options.



The Dräger Professional (DP) utilizes materials to withstand the high wear and tear. The DP is ideally suited to extended wear and frequent use. Incorporating:-

- Swivel & pivot waist belt for optimum wearer ergonomics
- hardwearing stainless steel buckles
- long-life Aramid blend webbing,

Gauge Version				
PSS 5000 DP with Gauge	Single cylinder strap, requires Plus LDV	3357845	1	523
PSS 5000 DP with Gauge	Universal cylinder strap, requires Plus LDV	3358333	1	523
PSS 5000 DP with Gauge & Cylinder Quick Connect	Single cylinder strap, requires Plus LDV	3358431	1	523
PSS 5000 DP with Gauge & Chargeair connection	Universal cylinder strap, requires Plus LDV	3359004	1	523

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Bodyguard 7000 Version				
PSS 5000 DP with Bodyguard 7000 Tally	Single cylinder strap, requires Plus LDV	3358354	1	522
PSS 5000 DP with Bodyguard 7000 Tally	Universal cylinder strap, requires Plus LDV	3358356	1	522
PSS 5000 DP with Bodyguard 7000 Tally Quick Connect	QC set comes with single strap and a 300 bar quick connect cylinder adaptor. Requires Plus LDV	3358437	1	522
Lung Demand Valve				
Plus Lung Demand Valve	LDV with standard length hose	3338700	1	527
Plus lung demand valve Long hose	LDV with 890mm hose	3338701	1	527
H2S Plus Lung Demand Valve	LDV with standard length hose with H2S resistant diaphragm	3338967	1	527
LDV anti tamper labels	The LDV Anti-Tamper label gives a clear visual indication if the LDV cover has been removed outside of the workshop environment, offering the wearer additional peace of mind and confidence in the product.	3360475	1	516
Complete Sets				
PSS 5000 DP & FPS 7000 9ltr	PSS 5000 DP Universal cylinder strap FPS 7000 EPDM Medium Lung Demand Valve PSS Series Cylinder Air CF 9ltr 300 Bar RAV	3502821	1	523
PSS 5000 DP & FPS7000	PSS 5000 DP Universal Cylinder Strap FPS 7000 EPDM Medium Lung Demand Valve PSS Series Cylinder Air CF 6.8 LTR 300 Bar RAV	3502527	1	523
PSS 5000 DP CHARGEAIR & FPS7000	PSS 5000 DP with Chargeair FPS 7000 EPDM Medium Lung Demand Valve PSS Series Cylinder Air CF 9.0 LTR 300 Bar RAV	3501683	1	523
PSS 5000 DP COMPLETE FPS7000	PSS 5000 DP with Chargeair Cylinder Air CF 9.0 LTR 300 Bar RAV FPS 7000 EPDM Medium Lung Demand Valve PSS Series Carry bag for Face Mask Proban Cylinder Cover 9LTR CF	3501689	1	523

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PSS 7000



The PSS 7000 is the state of the art positive pressure breathing apparatus incorporating Dräger's latest ergonomic energy saving comfort design using standard cylinders.

- Unique carbon composite adjustable back plate
- New anti slip easy to clean harness
- 10 year repex pressure reducer overhaul
- patented hip belt that slides and swivels with the wearer
- shoulder waist padding
- auto positive pressure LDV with CEJN coupling
- integrated warning whistle with luminous gauge or Bodyguard 7000
- universal cylinder strap for all cylinders including 6.0 and 6.8 litre twins

Gauge Version				
PSS 7000 with Gauge	Single cylinder strap, requires Plus LDV	3355068	1	525
PSS 7000 with Gauge	Universal cylinder strap, requires Plus LDV	3355930	1	525
PSS 7000 with Gauge & Cylinder Quick Connect	Single cylinder strap, requires Plus LDV	3356542	1	525
Bodyguard 7000 Version				
PSS 7000 with Bodyguard 7000	Single cylinder strap, requires Plus LDV	3356551	1	526
PSS 7000 with Bodyguard 7000 tally	Single cylinder strap, requires Plus LDV	3356679	1	526
PSS 7000 with Bodyguard 7000	Universal cylinder strap, requires Plus LDV	3356552	1	526
PSS 7000 with Bodyguard 7000 tally	Universal cylinder strap, requires Plus LDV	3356680	1	526
PSS 7000 with Bodyguard 7000 Cylinder Quick Connect	Single cylinder strap, requires Plus LDV	3356553	1	526
PSS 7000 with Bodyguard 7000 tally Cylinder Quick Connect	Single cylinder strap, requires Plus LDV	3356825	1	526

Cylinder Quick Connect sets come with a 300 bar cylinder quick connect adaptor

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PSS AIRBOSS



The Dräger PSS AirBoss offers best in class ergonomics and is one of the lightest weight breathing apparatus for firefighting. Lessons learned from firefighters around the world as well as latest innovations in technology have led us to design an even safer and cleaner SCBA system to enable you to breathe more easily and for longer.

- Three variants to select from AirBoss, Active, Agile or Connect
- Ergonomic carrying system with three step height adjustment option
- Advanced harness choices, either tradition webbing or multi accessory point modular harness
- High visibility reflective surfaces on back plate, should and waist pads
- Integrated and Versatile hose routing
- Wide variety of system configurations and accessories
- Electronic Monitoring with the Dräger AirBoss connect gauge

AirBoss Active




PSS AirBoss Active SCS, HA	DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Height Adjustable	3709501	1	543
PSS AirBoss Active TCS, HA	DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Height Adjustable	3709502	1	543
PSS AirBoss Active SCS, HA, WW	DIN Cylinder Thread Connection Webbing Waistpad, Single Cylinder Strap, Height Adjustable	3709505	1	543
PSS AirBoss Active TCS, HA, WW	DIN Cylinder Thread Connection Webbing Waistpad, Single Cylinder Strap, Height Adjustable	3709506	1	543
PSS AirBoss Active SCS, QC, HA	Cylinder Quick Connect (300 bar)* Modular Waistpad, Single Cylinder Strap, Height Adjustable	3716226	1	543
PSS AirBoss Active SCS, QC fixed height	Cylinder Quick Connect (300 bar)* Modular Waistpad, Single Cylinder Strap, Fixed Height	3716234	1	543
PSS AirBoss Active SCS, fixed height	DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap	3716228	1	543
PSS AirBoss Active TCS, fixed height	DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap	3716229	1	543
Dräger PSS® AirBoss Active / Configurator	Configurator enables selection of Secondary Supply & Airline Accessories, general accessories, LDV and complimentary products	3712921	1	543

SCS = Single Cylinder Strap TCS = Twin Cylinder strap QC = Quick Connect HA = Height Adjustable WW = Webbing Waistpad

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PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Airboss Agile				
				
PSS AirBoss Agile SCS, HA	DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Height Adjustable	3709503	1	544
PSS AirBoss Agile TCS, HA	DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Height Adjustable	3709504	1	544
PSS AirBoss Agile SCS, HA, WW	DIN Cylinder Thread Connection Webbing Waistpad, Single Cylinder Strap, Height Adjustable	3709507	1	544
PSS AirBoss Agile TCS, HA, WW	DIN Cylinder Thread Connection Webbing Waistpad, Single Cylinder Strap, Height Adjustable	3709508	1	544
PSS AirBoss Agile SCS, QC, HA	Cylinder Quick Connect (300 bar)* Modular Waistpad, Single Cylinder Strap, Height Adjustable	3716227	1	544
PSS AirBoss Agile SCS, FH	DIN Cylinder Thread Connection Modular Waistpad, Single Cylinder Strap, Fixed Height	3716230	1	544
PSS AirBoss Agile TCS, FH	DIN Cylinder Thread Connection Modular Waistpad, Universal Cylinder Strap, Fixed Height	3716231	1	544
Bodyguard 1500 PASS (Button)		3360839	1	544
Bodyguard 1500 PAS (Tally)		3360840	1	544
SCS = Single Cylinder Strap TCS = Twin Cylinder strap QC = Quick Connect HA = Height Adjustable WW = Webbing Waistpad				



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Airboss General Accessories				
	Universal Cylinder Strap Kit	3355847	1	516
	Double D Ring	3717494	1	516
	Chest Strap bracket / adaptor	3717495	1	516
	D Ring Modular	3717482	1	516
	Modular Hose Clip (waist)	3721588	1	972
	Modular shoulder hose clip	3717486	1	972
	Modular hose clip ChargAir (waist)	3721589	1	972
	Modular hose clip (dual)	3717483	1	972
	Modular hose clip QR	3717484	1	972
	Backplate hose clip QR	3717485	1	972
	Parat 5550 / PSS Rescue Hood Holder	3721587	1	516
	Bodyguard 1000 / 1500 multi attachment adaptor	3721586	1	516
	LDV Holder Webbing Waist (PI)	3357527	1	516
	LDV Holder multi attachment shoulder & waist (PI)	3717577	1	516
	Metal waistbelt buckle assembly	3356881	1	516
	Waistbelt loop (for webbing Waistpad)	3334968	1	516

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Lung Demand Valve				
Plus Lung Demand Valve	LDV with standard length hose	3338700	1	527
H2S Plus Lung Demand Valve	LDV with standard length hose with H2S resistant diaphragm	3338967	1	527
Plus lung demand valve Long hose	LDV with 890mm hose	3338701	1	527
LDV anti tamper labels	The LDV Anti-Tamper label gives a clear visual indication if the LDV cover has been removed outside of the workshop environment, offering the wearer additional peace of mind and confidence in the product.	3360475	1	516
LDV Holder (Push in)		3357527	1	516
Charging Adapter 300 bar Incl. Blanking Plug w Chain	For compressor changing line	3357198	1	516
Cylinder QC Adapter 300 bar		3357210	1	516
Cylinder Quick Connect Storage Blank 300 bar		3357197	1	516
FPS 7000 HUD In-Mask Display		3356555	1	516
PSS 7000 AA battery pack	Set of 5 batteries Included	3356556	1	524
PSS 7000 PC Link Module	Includes PC Link Software	3356560	1	524
PSS 7000 Personal ID Cards	Pack of 10	3356561	1	
PSS 7000 NiMH Battery	For Merlin Modem Only	3358121	1	524
Breathing Apparatus Accessories				
FPS 7000 HUD Transmitter Kit	Consisting of pressure module and HP manifold (allows upgrade from PSS 5000 or PSS 7000 with pneumatic gauge or Bodyguard II to FPS 7000 Heads-Up-Display) in mask display and power supply not Included.	3356882	1	516
AA battery pack	(set of 5 Alkaline batteries Included)	3356556	1	524
Bodyguard 7000 Upgrade Kit (Button) (Upgrade of PSS 5000 or 7000 with pneumatic gauge to PSS 5000 or 7000 with Bodyguard 7000, power supply not Included)	Consisting of Bodyguard 7000 (Tally) display module & pressure Module Including HP hose & pneumatic whistle.	3357098	1	524
Bodyguard 7000 Upgrade Kit (Tally) (Upgrade of PSS 5000 or 7000 with pneumatic gauge to PSS 5000 or 7000 with Bodyguard 7000, power supply not Included)	Consisting of Bodyguard 7000 (Button) display module & pressure Module Including HP hose & pneumatic whistle.	3357101	1	524

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Dräger PSS® Safety Belt for PSS SCBA				
	The Dräger PSS Safety Belt increases wearer safety by securing the fire fighter in unstable environments or while working at height.			
	PSS Rescue belt upgrade kit for PSS 5000 only. EN approved only	3364199	1	
	PSS Rescue belt upgrade kit for PSS 7000 only. EN approved only	3364200	1	
Lanyard pouch Right	For PSS safety belt	3364194	1	980
Lanyard pouch left	For PSS safety belt	3364195	1	980
Lanyard	For PSS safety belt	3364196	1	
Karabiner	For PSS safety belt	3364197	1	
RPS 3500 Rescue pack				
	The Dräger RPS3500 Rescue Pack System is designed for use by rescue teams, allowing fire fighters to supply air to trapped colleagues or members of the public in hazardous atmospheres.	3356824	1	516
Rescue hood	Can be used with RPS 3500 rescue kit or SCBA	3354982	1	516
Reflective pack PSS 5000 and 7000	The Reflective Pack for the PSS 5000 and PSS 7000 Series contains a cylinder strap, 2 pull forward straps and 4 hose loops with fire retardant reflective striping. The reflective striping allows easy identification and orientation of a wearer in dark/smoke filled environments, giving increased user safety and confidence.	3360476	1	516
Grab handles for PSS 5000	The Grab Handle for the PSS 5000 Series gives a clear "grab" point for a rescuer when extracting a user in distress. The Grab Handle sits across the shoulders of the wearer when not in use, but when "grabbed" extends out, giving the rescuer additional leverage.	3360480	1	516
Valve protection kit	The Valve Guide for the PSS 5000 offers protection to the cylinder valve during certain operational movements e.g. confined space entry and large impact forces to the bottom of the SCBA. Note only for PSS 5000 SCBA	3360481	1	516

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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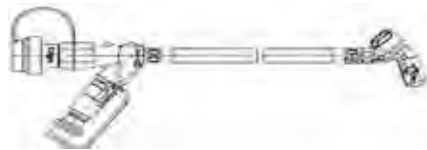
BREATHING APPARATUS SECONDARY AND DECONTAMINATION LINES



2nd Supply hose - female QRC	470mm long – For PSS 5000/7000	3355748	1	516
	390mm long – For PAS Lite, PSS 3000	3358867	1	516
	900mm long – For PSS 5000/7000	3358506	1	516



2nd Supply hose - male QRC	470mm long – For PSS 5000/7000	3355749	1	516
	390mm long – For PAS Lite, PSS 3000	3358869	1	516
	250mm long – For PSS 5000/7000	3358504	1	516



2nd Supply hose (m&f couplings)	300mm long	3356530	1	516
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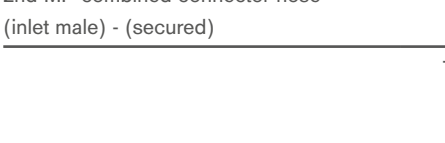


2nd MP combined connector hose	870mm long – For PSS 7000	3355848	1	516
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Rescue Hose Shoulder, RH	880 mm (RH) – For PSS 5000/7000	3358340	1	
Rescue Hose Shoulder, LH	977 mm (LH) – For PSS 5000/7000	3358341	1	516

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
	470mm long – For PSS 5000/7000	3358503	1	516
Rescue Coupling Hose, standard				
	250mm long – For PSS 5000/7000	3358406	1	516
2nd MP combined connector hose (LF) - (secured)				
	250mm long – For PSS 5000/7000	3358403	1	516
2nd MP combined connector hose (LF) - (secured)				
	300mm long – For PAS Lite, PSS 3000	3358868	1	516
2nd MP combined connector hose (LF) - (secured)				
	For PAS Lite, PSS 3000	3358870	1	516
2nd MP combined connector hose (LF) - (unsecured)				
	For PAS Lite, PSS 3000	3358872	1	516
2nd MP combined connector hose (inlet male) - (secured)				
MP hose identifier (Yellow)	The Medium Pressure Identifier allows easy location the medium pressure/2nd medium pressure hoses in difficult, smoke filled environments during rescue and extraction protocols. The MP Hose Identifier can be fitted to any medium pressure/2nd medium pressure hose (waist or shoulder mounted)	3360474	1	516

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER BODYGUARD® 1000 PERSONAL ALERT SAFETY SYSTEM (PASS)



Dräger Bodyguard® 1000
Personal Alert Safety System (PASS)

Tough yet lightweight, the Dräger Bodyguard® 1000 is the newest addition to the Dräger Bodyguard® family of PASS devices.

Designed to protect life by alerting the team when a wearer becomes motionless or distressed, the Dräger Bodyguard® 1000 emits clear and distinctive signals and alarms to ensure quick and effective recognition, even in the worst environmental conditions.

Bodyguard 1000 (Button Version)		3358684	1	524
Bodyguard 1000 (Tally Version)		3358685	1	524
Bodyguard 1000 (Tally Version)	Two button switch off	3359131	1	524
Spare Parts				
Rubber Cover		3359332	1	972
Kit Crocodile Clip		3359333	1	972
Wireform Bracket		3359334	1	
Seal (Battery Cover)		3359335	1	972
Battery Cover		3359336	1	972
Button Head Screw		3338367	10	592
Tally Key		3359337	1	972
Battery		3356715	1	972
RPS 3500 Rescue pack				
	The Dräger RPS3500 Rescue Pack System is designed for use by rescue teams, allowing fire fighters to supply air to trapped colleagues or members of the public in hazardous atmospheres.	3356824	1	516
Rescue hood	Can be used with RPS 3500 rescue kit or SCBA	3354982	1	516

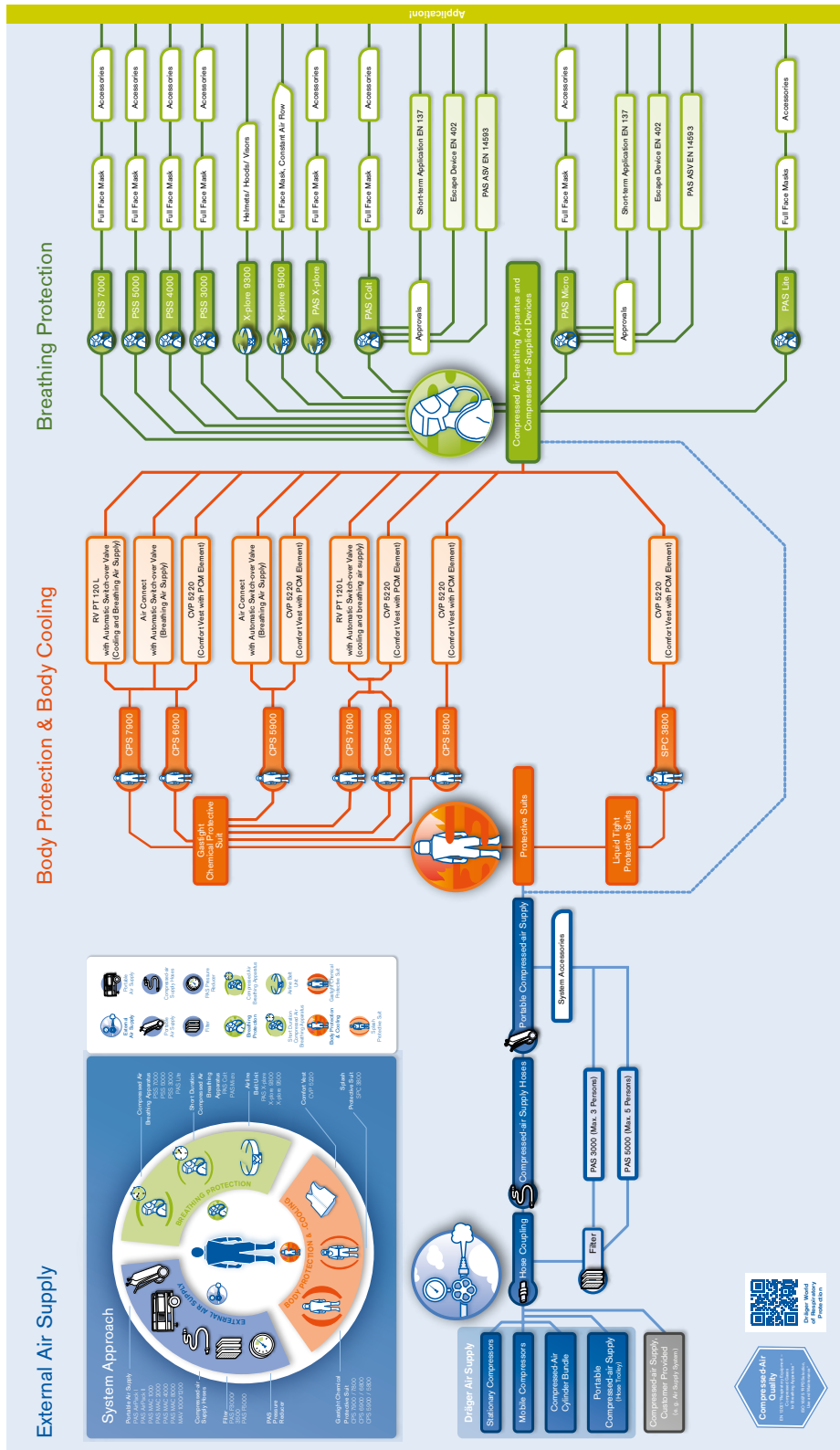
PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Reflective pack PSS 5000 and 7000	The Reflective Pack for the PSS 5000 and PSS 7000 Series contains a cylinder strap, 2 pull forward straps and 4 hose loops with fire retardant reflective striping. The reflective striping allows easy identification and orientation of a wearer in dark/smoke filled environments, giving increased user safety and confidence.	3360476	1	516
Grab handles for PSS 5000	The Grab Handle for the PSS 5000 Series gives a clear "grab" point for a rescuer when extracting a user in distress. The Grab Handle sits across the shoulders of the wearer when not in use, but when "grabbed" extends out, giving the rescuer additional leverage.	3360480	1	516
Valve protection kit	The Valve Guide for the PSS 5000 offers protection to the cylinder valve during certain operational movements e.g. confined space entry and large impact forces to the bottom of the SCBA. Note only for PSS 5000 SCBA	3360481	1	516

PERSONAL PROTECTIVE EQUIPMENT



Professionally protected
Body protection, respiratory protected system and body cooling



PERSONAL PROTECTIVE EQUIPMENT

PAS SERIES SHORT DURATION CABE	LDV INCLUDED	MASK INCLUDED	CYLINDER TO ADD	LOW PRESSURE WARNING WHISTLE AIRLINE CONNECTION	HIGH PRESSURE WARNING WHISTLE	GAUGE ON CYLINDER	GAUGE ON HOSE/REDUCER	PAS ASV INCLUDED
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PAS COLT HIP MOUNTED UNIT

- 3352761 Escape 2L 200 bar
- 3352744 Escape 3L 200 bar
- 3352778 Escape 2L 300 bar
- 3354378 Escape 3 L / 200 bar c/w airline - Hansen
- 3358024 Escape plus PAS ASV 2L / 200 bar
- 3358023 Escape plus PAS ASV 3L / 200 bar
- 3358025 Escape plus PAS ASV 2L / 300 bar
- 3352634 Working 3L 200 bar
- 3352920 Working 3L 300 bar
- 3352635 Working 2L 300 bar
- 3358027 Working plus PAS ASV 3L / 300 bar
- 3358028 Working plus PAS ASV 2L / 300 bar
- 3356755 Working plus PAS ASV 3L / 300 bar - Hansen

Yes	No Add	3353737	if used with?		Yes			
Yes	No Add	3353813	if used with?		Yes			
Yes	No Add	3353810	if used with?		Yes			
Yes	No Add	3353813	Yes		Yes			
Yes	No Add	3353737	Yes		Yes			Yes
Yes	No Add	3353813	Yes		Yes			Yes
Yes	No Add	3353810	Yes		Yes			Yes
No	No Add	3353813	if used with?	Yes		Yes		
No	No Add	3353811	if used with?	Yes		Yes		
No	No Add	3353810	if used with?	Yes		Yes		
Yes	No Add	3353811	Yes	Yes	Yes		Yes	Yes
Yes	No Add	3353810	Yes	Yes	Yes		Yes	Yes
No	No Add	3353811	Yes	Yes	Yes		Yes	Yes

PAS MICRO BACK MOUNTED UNIT

- 3352924 Escape EN
- 3358031 Escape plus PAS ASV
- 3352640 Working
- 3358032 Working plus PAS ASV

Yes	No Add	Select from	if used with?		Yes			
Yes	No Add	Select from			Yes			Yes
No	No Add	Select from	if used with?	Yes		Yes		
No	No Add	Select from	if used with?	Yes		Yes		Yes

PAS COLT AIRLINE ONLY UNIT

- 3352942 C/w warning whistle unit

Yes	No Add		Yes					
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DESCRIPTION - PAS COLT ACCESSORIES

- 3352564 Airline Belt Manifold
- 3352565 Airline Belt Manifold c/w wwu

				Yes				
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DESCRIPTION - PAS MICRO ACCESSORIES

- 3352438 Airline Belt Manifold
- 3352648 Airline Belt Manifold c/w wwu
- 3353089 2L 200 bar cylinder cover
- 3353090 3L 200 bar cylinder cover
- 3353088 2L 300 bar cylinder cover
- 3353091 3L 300 bar cylinder cover

3338700 Plus LDV
3338967 Plus LDV H2S

DESCRIPTION - CYLINDER/VALVE ASSY'S

- 3353737 Escape 2L 200 bar with gauge
- 3353813 Escape 3L 200 bar with gauge
- 3353810 Escape 2L 300 bar with gauge
- 3353811 Escape 3L 300 bar with gauge
- 3353813 Working 3L 200 bar
- 3353811 Working 3L 300 bar
- 3353810 Working 2L 300 bar

- R56200 FPS 7000 M EPDM
- R57820 FPS 7000 M EPDM Antiscratch
- R56331 FPS 7000 M Silicone
- R56249 FPS 7000 S EPDM
- R56300 FPS 7000 L EPDM

Dräger PAS® Colt Short Term Breathing Apparatus

Combining versatility, ease of use and the latest in breathing apparatus design, Dräger's PAS® Colt is among the most technologically advanced short duration and emergency escape units available.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PAS COLT



PAS Colt 10, 15 and 20 minute breathing apparatus. A short duration breathing apparatus which is worn over the shoulder with the cylinder sitting on the hip. The material is durable and impervious to water, chemicals and oils. It can come with or without a lung demand valve and airline attachment. Versions that come with an LDV but no PAS ASV have the LDV integrated so it cannot be disconnected. The PAS ASV switches the air supply to the cylinder in case the airline supply pressure drops. All versions of the PAS Colt are suitable for use in explosive atmospheres (Zone 0) but are not approved for fire fighting use.

Webbing & Pneumatics						
	LDV Included	Gauge on Colt	Gauge on Cylinder	Airline Connection	PAS ASV	Cylinder & Mask to be quoted separately
Working/Entry - Warning Whistle at 55bar						
Short duration entry set for entering a potentially irrespirable atmosphere to work in						
PAS Colt (3L / 200 bar ST)						3352634 1 519
PAS Colt (3L / 300 bar CC)						3352920 1 519
PAS Colt (2L / 300 bar CC)						3352635 1 519
Working/Entry with Airline - Warning Whistle at 55bar						
A short duration entry set that allows you to enter a potentially irrespirable atmosphere and connect to an airline system to carry out a task. You can then disconnect from the airline and move from airline connection point to another airline connection point or escape if required.						
PAS Colt (3L / 300 bar CC)						3358027 1 519
PAS Colt (2L / 300 bar CC)						3358028 1 519
Escape - Warning Whistle at 100bar						
An escape set only that cannot be used to work or enter a potentially irrespirable atmosphere with. This is an alternative to a Saver, PARAT, Oxyboks etc. Potentially offers better wearing comfort and a higher level of protection than the alternative options.						
PAS Colt (2L / 200 bar AL)						3352761 1 519
PAS Colt (3L / 200 bar ST)						3352744 1 519
PAS Colt (3L / 300 bar CC)						3352778 1 519
Escape with Airline - Warning Whistle at 100bar						
A short duration escape set that can be worn with an airline connected to carry our long duration tasks. If the airline was to cease supplying air, you can then use the cylinder on your body to escape with. Cannot be used to enter a potentially irrespirable atmosphere without an airline being connected.						
PAS Colt (2 L / 200 bar)						3358024 1 519
PAS Colt (3 L / 200 bar)						3358023 1 519
PAS Colt (2L / 300 bar CC)						3358025 1 519

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PAS COLT

PAS Colt



Airline Belt Manifold Only

1. PAS Colt Airline Harness	no reducer or cylinder holster	3352942	1	519
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PAS Airpack Harness C/W P-LDV and WWU	Belt manifold with fixed LDV for airline connection	3354483		528
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Airline Belt Manifold Only

Airline Belt Manifold	To add an airline connection on a PAS Colt	3352564	1	519
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Airline Belt Manifold c/w WWU		3352565	1	519
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Accessories

PAS Colt leg strap		3353281	1	519
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2. PAS carry bag		3354491	1	592
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3. PAS Colt Cabinet	No bracket	3505115	1	519
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Face Masks

4. FPS 7000 Medium	EPDM	R56200	1	422
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4. FPS 7000 Medium	EPDM & Anti-Scratch	R57820	1	422
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4. FPS 7000 Medium	Silicone	R56331	1	422
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4. FPS 7000 Small	EPDM	R56249	1	422
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4. FPS 7000 Large	EPDM	R56300	1	422
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Lung Demand Valve

4. Plus LDV Short Hose Push in	Standard	3338700	1	527
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5. Plus LDV Short Hose Push in	For environments with H2S	3338967	1	527
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PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PAS COLT

PAS Colt



Cylinders without Integrated Gauge for Entry Sets				
1. Cylinder (3 L / 200 bar ST) 15min	395x115, 4kg empty / 4.76kg full	3353813	1	520
1. Cylinder (3 L / 300 bar CC) 22.5min	439x115, 2.5kg empty / 3.54kg full	3353811	1	520
1. Cylinder (2 L / 300 bar CC) 15min	389x103, 1.9kg empty / 2.6kg full	3353810	1	520
Cylinders with Integrated Gauge for Escape Sets				
1. Cylinder (3 L / 300 bar CC) 22.5min	439x115, 2.5kg empty / 3.54kg full	3353811	1	520
1. Cylinder (2 L / 300 bar CC) 15min	389x103, 1.9kg empty / 2.6kg full	3353810	1	520
1. Cylinder (2 L / 200 bar AL) 10min	395x102, 3kg empty / 3.51kg full	3353737	1	520
1. Cylinder (3 L / 200 bar ST) 15min	395x115, 4kg empty / 4.76kg full	3353813	1	520

Cylinder durations are based on 40 litres per minute and are total duration not the working duration

ST - Steel

CC - Carbon Composite

AL - Aluminium

WWU - Warning whistle unit

Dräger PAS[®] Micro Short Term Breathing Apparatus

Combining versatility, ease of use and the latest in breathing apparatus design, Dräger's PAS[®] Micro is among the most technologically advanced short duration and emergency escape units available.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PAS MICRO



PAS Micro 10, 15 and 20 minute breathing apparatus. A short duration mini breathing apparatus which is worn on the back. The material is durable and impervious to water, chemicals and oils. It can come with or without a lung demand valve and airline attachment. Versions that come with an LDV but no PAS ASV have the LDV integrated so it cannot be disconnected. The PAS ASV switches the air supply to the cylinder in case the airline supply pressure drops. All versions of the PAS Micro are suitable for use in explosive atmospheres (Zone 0) but are not approved for fire fighting use.

Webbing & Pneumatics						
	LDV Included	Gauge on Collar	Gauge on Cylinder	Airline Connection	PAS ASV	
Working/Entry - Warning Whistle at 55bar						
Short duration entry set for entering a potentially irrespirable atmosphere to work in						
PAS Micro						3352640 1 519
Working/Entry - Warning Whistle at 55bar						
A short duration entry set that allows you to enter a potentially irrespirable atmosphere and connect to an airline system to carry out a task. You can then disconnect from the airline and move from airline connection point to another airline connection point or escape if required.						
PAS Micro						3358032 1 519
Escape - Warning Whistle at 100bar						
An escape set only that cannot be used to work in or enter a potentially irrespirable atmosphere with. This is an alternative to a Saver, PARAT, Oxyboks etc. Potentially offers better wearing comfort and a higher level of protection than the alternative options.						
PAS Micro						3352924 1 519
Escape - Warning Whistle at 100bar						
A short duration escape set that can be worn with an airline connected to carry our long duration tasks. If the airline was to cease supplying air, you can then use the cylinder on your body to escape with. Cannot be used to enter a potentially irrespirable atmosphere without an airline being connected.						
PAS Micro						3358031 1 519
Airline Belt Manifold						
Airline Belt Manifold	To add an airline connection on a PAS Micro					3352438 1 519
Airline Belt Manifold c/w wwu						3352648 1 519

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PAS MICRO

Accessories



1. PAS Micro High Vis Vest		3356512	1	519
2. PAS Micro Cabinet	With Walk-Away Bracket	3505114	1	519
Cylinders without Integrated Valve for Entry Sets				
3. FPS 7000 Medium	EPDM	R56200	1	422
3. FPS 7000 Medium	EPDM & Anti-Scratch	R57820	1	422
3. FPS 7000 Medium	Silicone	R56331	1	422
3. FPS 7000 Small	EPDM	R56249	1	422
3. FPS 7000 Large	EPDM	R56300	1	422
Lung Demand Valve				
4. Plus LDV Short Hose Push in	Standard	3338700	1	527
5. Plus LDV Short Hose Push in	For environments with H2S	3338967	1	527
Cylinders without Integrated Gauge for Entry Sets				
6. Cylinder (3 L / 200 bar ST) 15min	395x115, 4kg empty / 4.76kg full	3353813	1	520
6. Cylinder (3 L / 300 bar CC) 22.5min	439x115, 2.5kg empty / 3.54kg full	3353811	1	520
6. Cylinder (2 L / 300 bar CC) 15min	389x103, 1.9kg empty / 2.6kg full	3353810	1	520
Cylinders with Integrated Gauge for Escape Sets				
6. Cylinder (3 L / 300 bar CC) 22.5min	439x115, 2.5kg empty / 3.54kg full	3353811	1	520
6. Cylinder (2 L / 300 bar CC) 15min	389x103, 1.9kg empty / 2.6kg full	3353810	1	520
6. Cylinder (2 L / 200 bar AL) 10min	395x102, 3kg empty / 3.51kg full	3353737	1	520
6. Cylinder (3 L / 200 bar ST) 15min	395x115, 4kg empty / 4.76kg full	3353813	1	520
Cylinder Covers				
6. Cylinder cover 2 L / 200 bar		3353089	1	519
6. Cylinder cover 3 L / 200 bar		3353090	1	519
6. Cylinder cover 2 L / 300 bar		3353088	1	519
6. Cylinder cover 3 L / 300 bar		3353091	1	519

Cylinder durations are based on 40 litres per minute and are total duration not the working duration

ST - Steel CC - Carbon Composite AL - Aluminium

Dräger PAS® ASV Airline Equipment

The Dräger Automatic Switch over Valve (PAS® ASV) enables the user to connect compressed air breathing apparatus to an external air supply, such as a factory ring main, and be safe in the knowledge that if the external supply were to fail, there would be a safe and uninterrupted transition to the wearer's back-up air supply.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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AUTOMATIC SWITCH OVER VALVE (ASOV)

The Dräger Automatic Switch-Over Valve (Dräger PAS ASV) enables the user to connect compressed air breathing apparatus to an external air supply, such as a factory ring main, and be safe in the knowledge that if the external supply were to fail, there would be a safe and uninterrupted transition to the wearer's back-up air supply. During the switch-over operation the Dräger PAS ASV maintains positive pressure within the facemask at all times, ensuring the breathing apparatus wearer is provided with optimum protection throughout their wearing duration. All units, unless stated Incl. ude a Dräger airline connector as standard. Also available fitted to the range of Dräger Breathing apparatus, see separate price lists for part numbers and details.



Current Dräger Breathing Apparatus				
1. PAS ASV – Colt Kit Permanent fit	For use with the PAS Colt.	3354140	1	528
1. PAS ASV – Colt Kit (Hansen) Permanent fit	For use with the PAS Colt, Includes a Hansen QRC airline connector.	3356749	1	
2. PAS ASV – Micro Kit Permanent fit	For use with the PAS Micro.	3354141	1	528
PAS ASV – PAS Lite/PSS 3000 Permanent fit	For use with the PAS Lite and PSS 3000 Breathing Apparatus.	3358850	1	528
PAS ASV – PAS Lite/PSS 3000 Permanent fit- CPS	For use with the PAS Lite and PSS 3000. This unit is suitable for use with chemical protective suit ventilation systems.	3358874	1	528
3. PAS ASV – PSS 5000/7000 Quick fit	For use with PSS 5000 and PSS 7000	3355844	1	528
4. PAS ASV – PSS 5000/7000 Quick fit - CPS	For use with the PSS 5000 and PSS 7000. This unit is suitable for use with chemical protective suit ventilation systems.	3357007	1	528
PAS ASV – PSS 5000/7000 Permanent fit	For use with PSS 5000 and PSS 7000	3357618	1	528
PAS ASV – PSS 5000/7000 Permanent fit - CPS	For use with the PSS 5000 and PSS 7000. This unit is suitable for use with chemical protective suit ventilation systems.	3357733	1	528

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Old Dräger Breathing Apparatus				
5. PAS ASV - Quick fit BA/CPS/QRC KIT	For use with the PSS 100, PSS 90, PA94 Plus, PA91 Plus, PSS 3000 and PAS Lite. This unit is suitable for use with chemical protective suit ventilation systems.	3354405	1	528
PAS ASV – CPS Kit Permanent fit unit	For use with the PSS 100, PSS 90, PA94 Plus, PA91 Plus, PSS 3000 and PAS Lite. This unit is suitable for use with chemical protective suit ventilation systems.	3354568	1	528
PAS ASV – Permanent BA Kit Permanent fit	For use with the PSS 100, PSS 90, PA94 Plus and PA91 Plus.	3354142	1	528
PAS ASV – Quick fit BA Kit	For use with the PSS 100, PSS 90, PA94 Plus, PA91 Plus, PSS 3000 and PAS Lite	3354244	1	528

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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AIRLINE HOSES



Black Anti-static, chemical resistant				
1. 3m Airline			3352463	1 528
1. 5m Airline			AL01260	1 528
1. 10m Airline			AL01261	1 528
1. 20m Airline			AL01262	1 528
1. 25m Airline	Antistatic & Chemical Resistant CODAN Airline		3357409	1 528
1. 30m Airline			3352467	1 528
1. 45m Airline			AL01263	1 528
1. 50m Airline			3352468	1 528
Blue PVC				
2. 2.5m PVC Airline			3500664	1 528
2. 5m PVC Airline			3550001	1 528
2. 10m PVC Airline			3550002	1 528
2. 15m PVC Airline			3599064	1
2. 20m PVC Airline	10mm ID Blue PVC Airline		3550003	1 528
2. 30m PVC Airline			3550005	1 528
2. 35m PVC Airline			3500663	1
2. 40m PVC Airline			3550006	1
2. 50m PVC Airline			3550007	1 528
2. PVC Airline per metre			3558001	1 592
3. CEJN 341 Series Female Coupling	1 required per airline		3559112	1 528
4. CEJN 341 Series Hose Barb 3/8"	1 required per airline		3559143	1 528
5. O-Clip 7/8" - attach male/female couplings	2 required per airline		3500537	1 592
Dust Cap for Female Coupling	1 required per airline		3559142	1 592

Dräger PAS[®] AirPack 1 Compressed Air Breathing Apparatus

Designed using leading technology and materials, Dräger's range of heavy-duty airline apparatus is ideal for use where an extended duration of breathing air is called for. Chemical tank cleaning, toxic spillages or certain tasks when working on offshore installations are all made easier and more comfortable when using the Dräger PAS[®] AirPack 1.



Dräger PAS® AirPack 2 Compressed Air Breathing Apparatus

Designed using leading technology and materials, Dräger's range of heavy-duty airline apparatus is ideal for use where an extended duration of breathing air is called for. Chemical tank cleaning, toxic spillages or certain tasks when working on offshore installations are all made easier and more comfortable when using the Dräger PAS® AirPack 2.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PAS AIRPACK SERIES - AIRLINE TROLLEYS

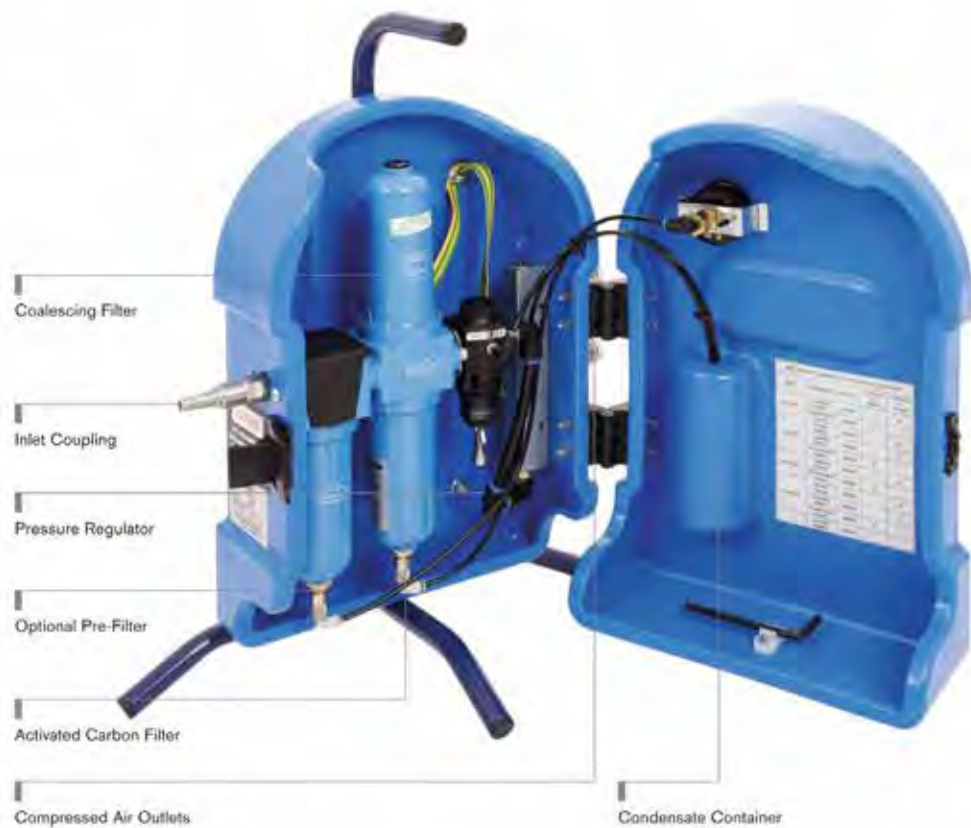


PAS AirPack One				
1. PAS AirPack One	Includes: Pressure reducer, 50m antistatic hose reel & drum, vent valve, medium and high pressure gauge, 2 cylinder connections, cylinders can be hot swapped, rescue airline connection	3352228	1	528
PAS AirPack One	Same as above without the airline & reel	3353008	1	528
9Ltr, 300 Bar CF IL Air Cylinder	In-line valve - 20 Year Life	3502442	1	521
PAS AirPack Two				
PAS AirPack Two	1 person or 2 with Y Piece - 1 Pressure reducer, 1 50m hose reel	3352994	1	528
PAS AirPack Two	1 person or 2 with Y Piece - 1 Pressure reducer, 1 50m hose reel & lifting eye	3352995	1	528
2. PAS AirPack Two	2 person or 4 with Y Pieces - 2 Pressure reducer, 2 50m hose reel	3352276	1	528
3. PAS AirPack Two	2 person or 4 with Y Pieces - 2 Pressure reducer, 2 50m hose reel & lifting eye	3352236	1	528
4. G Size Air Cylinder with Valve & Adaptor	50L, 350Bar G Size Air Cylinder for Airpack - Filled prior to delivery	3503908	1	531
NOTE: face mask, LDV, waist belt, PAS X-plore & cylinders are not Included in trolley price.				
Accessories and Spare Parts				
5. PAS Quad Pack	Allows the Pas Airpack 1 to utilise 4 cylinders at the same time	3353471	1	528
6. PAS Airpack 1 Carry Frame	Cylinder holder and Pneumatic Panel only	3352241	1	528
PAS Airpack 2 Updgrade Kit	Upgrades the PAS Airpack 2 from 1/2 person to 3/4 person by adding reducer assembly and 50m hose reel.	3358500	1	528
7. Stand Alone Hose Reel	50 metres of CODAN hose on a drum/reel with frame	3352239	1	528
8. Y piece	Allows a second person to work off the same hose reel/pressure reducer	R27945	1	528

Draeger Australia & New Zealand | Subject to modifications | www.draeger.com

Dräger PAS® Filter series Airline Equipment

PAS® Filters reliably clean air, e.g. from an existing high-pressure network, from liquid and solid particles, including oil vapour and smell. This not only means that you get breathing air which even exceeds the specifications of DIN EN 12021. You also save yourself the need of a separate breathing air line.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PAS FILTER - BREATHING AIR FILTERS



PAS Filters reliably clean air, e.g. from an existing high-pressure network, from liquid and solid particles, including oil vapour and smell. save yourself the need of a separate breathing air line.

Key features of the Draeger PAS Filter Series:

- Wall mounted or portable
- Two connection options: for max. three (760 L/min) or max. five persons (1,080 L/min)
- Active carbon and particle filters for solid and liquid particles Incl. humidity, oil droplets and smells
- Optional pre-filter for large particles

PAS 3000 Series - 3 Outlets / 3 People				
Dräger PAS F3000	Wall mounted	3359915	1	528
Dräger PAS F3500	Wall mounted with pre-filter	3359921	1	528
Dräger PAS F3000 P	Portable	3359916	1	528
Dräger PAS F3500 P	Portable with pre-filter	3359922	1	528
PAS 5000 Series - 5 Outlets / 5 People				
Dräger PAS F5000	Wall mounted	3359923	1	528
Dräger PAS F5500 (with pre-filter)	Wall mounted with pre-filter	3359925	1	528
Dräger PAS F5000 Portable	Portable	3359924	1	528
Dräger PAS F5500 Port (w. pre-filter)	Portable with pre-filter	3359926	1	528
PAS 3000/5000 Series - Inlet Hose				
This is the hose that connects the PAS filter system to the customers compressor or workplace reticulated airline system				
PAS 3000 inlet hose connector 1/4" BSP	1 required per airline	10-320-5152	1	
PAS 5000 inlet hose connector 3/8" BSP		10-320-5154	1	
PAS 3/5000 inlet hose coupling 1/2" hose barb		10-320-2005		
Hose connector for customers site	Customer to specify	POR	1	
O-Clip 7/8"	2 required per airline to attach connectors to hose	3500537	1	592
Braided blue inlet airline 12mm ID	per metre	19-958-1801	1	
Please note that the client will need to provide the connector required for their site				
Replacement Filters				
Activated-carbon filter element	For PAS 3000/5000 Series	3359928	1	456
F3000/F3500 coalescing filter element		3359909	1	456
F3500 pre-filter element		3359929	1	456
F5000/F5500 coalescing filter element		3359932	1	456
F5500 pre-filter element		3359934	1	456

Replacement filters Include new O-rings

PERSONAL PROTECTIVE EQUIPMENT

Dräger PAS Pressure Reducer

Dräger takes care of your breathing air so you can take care of yourself: the Dräger PAS Pressure Reducer.



The Dräger PAS airline range helps you deliver breathing air where you want it, when you need it. One part of this system is the new Dräger PAS Pressure Reducer, connecting your high pressure breathing air source to your airline breathing system.

The development of this product is based heavily upon Dräger's world renowned PSS range of breathing apparatus which is used by professional fire-fighters around the world. When used in combination with the Dräger's heavy duty airline (PAS) range of products the system is as flexible as possible, so that each element can be interchanged where necessary, allowing for many different sets of circumstances to be effectively and safely dealt with.

Key features of the Dräger PAS Pressure Reducer:

- G $\frac{3}{8}$ " inlet connector suitable for use with most 200 bar and 300 bar breathing air sources (an adaptor is available for connection to G $\frac{3}{8}$ " bullnose connections)
- High pressure primary gauge giving accurate indication of the input air pressure
- High pressure whistle giving warning that the input air source has fallen to a low level
- Medium pressure secondary gauge giving accurate indication of the pressure in the airline breathing system
- Dräger standard CEJN outlet connection, allowing for complete system integration with all Dräger PAS and PSS products
- Integrated relief / vent valve protecting the airline system from over pressurisation



Dräger PAS Pressure Reducer

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PAS PRESSURE REDUCER



PAS Pressure Reducer				
1. PAS Pressure Reducer - 1 Cylinder	Pressure reducer with one MP outlet and one HP cylinder connector	3357357	1	528
1. PAS Pressure Reducer - 1 Medical Air Cylinder	Pressure reducer with one MP outlet and one Pin Index connector for medical air cylinders	3501183	1	528
2. PAS Pneumatic Assembly - 1 Cylinder	Pressure reducer and mounting plate with one MP outlet and one HP hose for connection to HP cylinder	3355841	1	528
2. PAS pneumatic assembly - 2 Cylinders	Pressure reducer and mounting plate with one MP outlet and two HP hose for connection to HP cylinders	3358800	1	528
Accessories				
3. Pin Index Connector	For Medical air cylinders	3559004	1	592
Low pressure adaptor		3557245	1	
Med Cylinder Extender 1/4F NPTx1/4"M	For more clearance between pin index connector and pressure reducer panel.	3505644	1	

Dräger PAS® MAC Series Airline Equipment

Providing continuous breathing quality air to safety professionals in the harshest of environments, these Mobile Breathing Air Compressors meet the needs of single or multiple users over long durations. Available in electric- or diesel-driven versions, each of the four models is fully compatible with Dräger compressed air and airline breathing equipment.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PAS MAC MOBILE BREATHING AIR COMPRESSOR SYSTEM

The PAS MAC provides continuous breathing quality air for single or multiple users over long durations. Available in electric or diesel driven versions, each model is fully compatible with Dräger compressed air and airline breathing equipment. The Product line Includes two electric driven models with 185 to 425 L/MIN and two diesel driven models, which provide the user with 710 to 1710 L/Min of breathing air. The electrically driven units can be supplied in ATEX versions (Zone 1).

The diesel driven compressors are fitted with spark arrestors as standard to protect the air intake and membrane dryers to ensure the quality of the air. On all diesel engine driven units a fail-safe system is fitted as standard. In the event of a failure, it sounds an alarm and automatically switches to an onboard high pressure reserve system, allowing time for users to move to a place of safety.



Dräger PAS MAC1000 (electric)	Single Phase 230V. For 1 user producing 185 l/min	3358223	1	
Dräger PAS MAC1000 (electric) ATEX		3360710	1	
Dräger PAS MAC2000 (electric)	Three phase 400V. For up to 2 users producing 510 l/min	3358224	1	
Dräger PAS MAC2000 (electric) ATEX	Three phase 400V. For up to 2 users producing 510 l/min with escape back-up cylinders	3360711	1	
Dräger PAS MAC2000 (electric) ATEX	Three phase 400V. For up to 2 users producing 510 l/min without escape back-up cylinders	3360712	1	
Dräger PAS MAC4000 (diesel)	For up to 4 users producing 710 l/min Incl. membrane dryer	3358226	1	
Dräger PAS MAC4000 (diesel)	For up to 4 users producing 710 l/min Incl. pressure swing dryer	3358227	1	
Dräger PAS MAC8000 (diesel)	For up to 8 users producing 1710 l/min Incl. membrane dryer	3358229	1	
Dräger PAS MAC8000 (diesel)	For up to 8 users producing 1710 l/min Incl. pressure swing dryer	3358230	1	
Accessories				
4 man distribution panel		3358796	1	528
4 man distribution panel (alarmed)		3358799	1	528
3/4" distribution hose 15 m long		3358797	1	528
1/2" distribution hose 30 m long		3358794	1	528

PERSONAL PROTECTIVE EQUIPMENT

Dräger X-plore® 9000 and PAS X-plore® Airline breathing equipment

The new Dräger X-plore® 9000 series is designed for light duty industrial applications and provides comfortable and reliable respiratory protection. Thanks to such features as the patented safe-flow reducer and auto-test function, wearers can enjoy more operating convenience, safety and flexibility.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PAS X-PLORE AIRLINE SYSTEM

Designed for use with a lung demand valve & positive pressure face mask. This variant uses 400-1200 l/min air at 5.0 to 10 bar. Ideal when a high level of protection is required



PAS X-plore				
1. PAS X-plore Airline Belt Manifold*	Comes with low pressure whistle warning	3363584	1	528
2. Plus Lung Demand Valve (LDV)	Standard length	3338700	1	527
3. FPS 7000 Face Mask EPDM PC Medium		R56200	1	422

*Waistbelt, LDV & Face mask must be ordered separately.

Waistbelts



4. Standard Waistbelt Medium	up to 1280mm / 50"	3363680	1	528
4. Standard Waistbelt Long	up to 1780mm / 70"	3363682	1	528
5. Decontamination waistbelt Medium	up to 1280mm / 50"	3363681	1	528
5. Decontamination waistbelt Long	up to 1780mm / 70"	3363683	1	528
6. Leather waistbelt Medium	up to 1220mm / 48"	3363461	1	528
6. Leather waistbelt Long	up to 1420mm / 56"	3363462	1	528

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 9300 AIRLINE SYSTEM

Designed for use with a hose and constant flow hood. This variant uses 200-1200 l/min air at 3.0 to 10 bar



1. X-plore 9300 Airline Belt Manifold*	Belt manifold	3363587	1	528
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Waistbelt, breathing hose & hood/helmet/visor must be ordered separately.

Waistbelts				
2. Standard Waistbelt Medium	up to 1280mm / 50"	3363680	1	528
2. Standard Waistbelt Long	up to 1780mm / 70"	3363682	1	528
3. Decontamination waistbelt Medium	up to 1280mm / 50"	3363681	1	528
3. Decontamination waistbelt Long	up to 1780mm / 70"	3363683	1	528
4. Leather waistbelt Medium	up to 1220mm / 48"	3363461	1	528
4. Leather waistbelt Long	up to 1420mm / 56"	3363462	1	528

[Headpieces & hoses on next pages](#)

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Hoods & Hoses



1. Standard breathing hose	For hoods only	R59620	1 / box	461
1. Flexible breathing hose		R59600	1 / box	461
2. Standard hood short (S/M)	For irregular use or as a disposable option. L/XL is the standard size.	R59800	1 / box	462
2. Standard hood short (L/XL)		R59810	1 / box	462
3. Standard hood long (S/M)		R59820	1 / box	462
3. Standard hood long (L/XL)		R59830	1 / box	462
4. Premium hood short (S/M)	For regular use. L/XL is the standard size.	R59840	1 / box	462
4. Premium hood short (L/XL)		R59850	1 / box	462
5. Premium hood long (S/M)		R59860	1 / box	462
5. Premium hood long (L/XL)		R59870	1 / box	462
6. Protective lens covers	For hoods only	R59663	1 / box	462

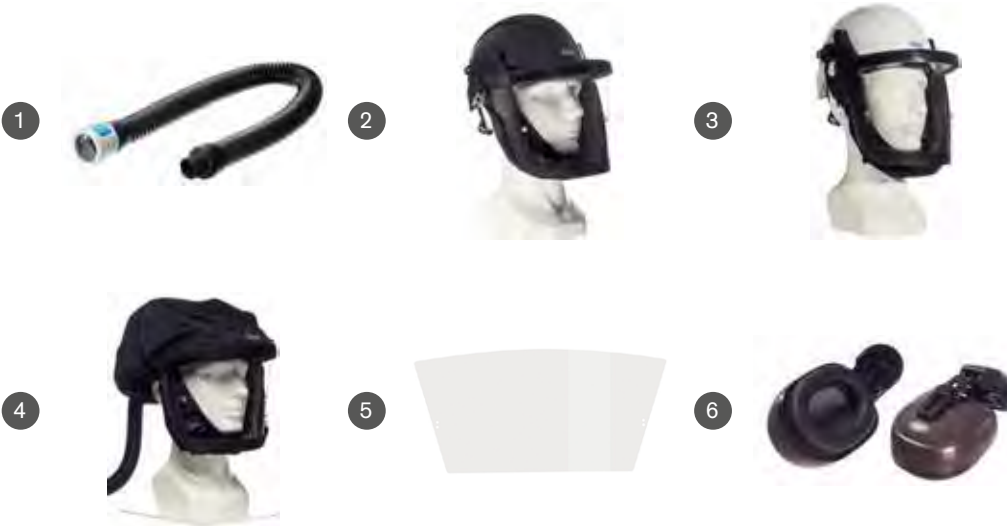
Spare Parts - Hoods

Hood Hose O-Ring	R59631	10 / box	597
Sweatband for Standard hood	R59826	10 / box	597
Sweatband for Premium hood	R59862	10 / box	597

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Helmets & Visors



1. Standard hose		R59640	1 / box	461
1. Flexible hose	for Helmets and Visors	R59650	1 / box	461
2. Helmet with visor, black		R58325	1 / box	462
3. Helmet with visor, white	Pivoting polycarbonate visor	R59910	1 / box	462
4. Protective Softshell visor		R59900	1 / box	462
5. Protective lens covers	For helmets & visors only	R58328	10 / box	462
6. Hearing protector set	for helmets only	R58329	1 / box	462

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER X-PLORE® HEAD PIECES

Dräger X-plore® Head pieces



1. Dräger X-plore® 8000 Helmet PC visor L1Z	3710775	1 / box
2. Dräger X-plore® 8000 Helmet PC visor L2Z	3710780	1 / box
3. Dräger X-plore® 8000 Helmet PC visor L3Z	3710785	1 / box
4. Dräger X-plore® 8000 Helmet PC visor L2T2	3710790	1 / box
5. Dräger X-plore® 8000 Helmet PC visor L3T4	3710795	1 / box
6. Dräger X-plore® 8000 Helmet for hood	3710800	1 / box
6. Dräger X-plore® 8000 Bump cap for hood	3710805	1 / box

Accessories

Dräger X-plore® 8000 Hood for helmet, T4	3710774	1 / box
Dräger X-plore® 8000 Hood for helmet, T2	3710776	1 / box
Dräger X-plore® 8000 Earmuffs	3710777	1 / box
Protective cover Dräger X-plore® 8000 Hood for helmet	3710778	1 / box
Protective cover Dräger X-plore® 8000 Helmet with visor	3710779	1 / box

Spare Parts

Dräger X-plore® 8000 Helmet seal L1Z	3710781	1 / box
Dräger X-plore® 8000 Helmet seal L2Z	3710782	1 / box
Dräger X-plore® 8000 Helmet seal L3Z	3710783	1 / box
Dräger X-plore® 8000 Helmet seal L2T2	3710784	1 / box
Dräger X-plore® 8000 Helmet seal L3T4	3710786	1 / box
Dräger X-plore® 8000 PC visor for helmet	3710787	1 / box
Dräger X-plore® 8000 Rigid foam shell	3710788	1 / box
Dräger X-plore® 8000 Sweat pad for helmets	3710789	1 / box
Dräger X-plore® 8000 Comfort padding	3710791	1 / box
Dräger X-plore® 8000 Assembly clips hood for helmet	3710792	1 / box

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Dräger X-plore® 8000 Visor frame for helmet 37 10 793		3710793	1 / box	
Dräger X-plore® 8000 Sealing for helmet with visor 37 10 794		3710794	1 / box	
Dräger X-plore® 8000 Head harness for helmets 37 10 796		3710796	1 / box	
Dräger X-plore® 8000 Assembly clips for earmuffs		3710797	1 / box	
Dräger X-plore® 8000 Powered air purifying respirators				
Dräger X-plore® 8000 Configurator R 59 530		R59530	1 / box	
Dräger X-plore® 8500 R 59 500		R59500	1 / box	
Dräger X-plore® 8700 (EX) R 59 550		R59550	1 / box	
Dräger X-plore® 9000 Airline unit				
Dräger X-plore® 9300	Helmet & Visor	3363587	1 / box	
Dräger X-plore® 8000 Breathing hoses				
Dräger X-plore® 9300	Helmet & Visor	R59620	1 / box	
Dräger X-plore® 9300	Helmet & Visor	R59600	1 / box	

Tychem® is a registered trademark of E.I. Du Pont de Nemours and Co.

Zytec® is a registered trademark of RPB Safety, LLC.

Welding Helmet



1. Standard hose	for Helmets and Visors	R59640	1 / box	461
2. Flexible hose		R59650	1 / box	461
3. Welding Hose cover	Spark proof cover for hose	R59660	1 / box	461
4. Welding visor	with ADF 5-13	R59940	1 / box	462

Spare Parts - Welding Helmet

Protective plate, inner	Spare parts	R59942	1 / box	597
Protective plate, outer	Spare parts	R59943	1 / box	597
ADF 5-13 for X-plore	Spare parts	R59944	1 / box	597
Head cover	Spare parts	R59927	1 / box	597

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 9500 AIRLINE SYSTEM

X-plore 9500



Designed for use with a breathing hose and normal pressure face mask from our X-plore 6000 or FPS 7000 mask range. This variant uses 350-1200 l/min air at 3.0 to 10 bar.



1. X-plore 9500 Airline Belt Manifold*	Comes with low pressure whistle warning	3703235	1	528
2. Breathing Hose	Standard Length	3367699	1	528
2. Breathing Hose	Long	3367701	1	528





*Waistbelt, Hose & RD 40 Face mask must be ordered separately.

Waistbelts





3. Standard Waistbelt Medium	up to 1280mm / 50"	3363680	1	528
3. Standard Waistbelt Long	up to 1780mm / 70"	3363682	1	528
4. Decontamination waistbelt Medium	up to 1280mm / 50"	3363681	1	528
4. Decontamination waistbelt Long	up to 1780mm / 70"	3363683	1	528
5. Leather waistbelt Medium	up to 1220mm / 48"	3363461	1	528
5. Leather waistbelt Long	up to 1420mm / 56"	3363462	1	528

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Accessories and Spares for Breathing Apparatus				
	Storage cabinets & 9ltr bracket			
	Note- not suitable for PSS5000/7000 when fitted with a 9ltr cylinder	3550023	1	902
	Storage cabinets & 6/6.8ltr bracket	3550022	1	902
	Storage cabinets without bracket	3543065	1	516
Walk-A-Way bracket 6ltr & 6.8ltr		3550012	1	516
Walk-A-Way bracket 9ltr		3550013	1	516
Walk-A-Way bracket 6.8ltr twin		3550015	1	
	Breathing Apparatus Hard-shell Carrying Case	3335412	1	516
	UK Caba Wall Box Storage Cabinet (polycarbonate) Suitable for all SCBA and cylinder combinations	3310260	1	516
	UK Caba Wall Box C/W 9LTR Bracket	3503148	1	516
	UK Caba Wall Box C/W 6/6.8LTR Bracket	3503149	1	516
	Breathing Apparatus Storage Cabinet (stainless steel) Suitable for all SCBA and cylinder combinations	3358827	1	516
Dräger B.A. Bag		3549088	1	516

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
1		2		
1) BA Staging Area Mat plus carry bag to suit	<p>Size: 182cm Length x 94cm Width Material: Heavy Duty 600D PVC</p> <p>Rear Velcro strips to connect multiple mats together High visibility reflective corners and mid section make the mats easy to see at night Brass Eyelets in all corners and mid sections to allow the mat to be pegged down if required Unbreakable and fully flexible ribbing to prevent cylinder roll</p>	TBA	1	
2) Rescue Tools Mat plus carry bag to suit	<p>Size: 182cm Length x 94cm Width Material: Heavy Duty 600D PVC</p> <p>Rear Velcro strips to connect multiple mats together High visibility reflective corners and mid section make the mats easy to see at night Brass Eyelets in all corners and mid sections to allow the mat to be pegged down if required Unbreakable and fully flexible ribbing to prevent cylinder roll</p>	TBA	1	

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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ENTRY CONTROL BOARDS



The PSS Merlin is the state of the art telemetry system to monitor the current status of a BA wearer's breathing equipment.

Merlin allows Entry control officer to

- Monitor remaining cylinder pressure
- Monitor TTW (Time To Whistle)
- Monitor Time of Whistle
- Monitor BA wearer's ambient temperature
- Monitor elapsed time
- Receive DSU and ADSU signals
- Receive voluntary withdrawl signal
- Instigate individual or collective evacuation alarms

PSS Merlin - Telemetry

PSS Merlin 460MHz Complete	3362093	1	524
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The PSS Merlin is the state of the art telemetry system to monitor the current status of a BA wearer's breathing equipment.

Merlin allows Entry control officer to

- Monitor remaining cylinder pressure
- Monitor TTW (Time To Whistle)
- Monitor Time of Whistle
- Monitor BA wearer's ambient temperature
- Monitor elapsed time
- Receive DSU and ADSU signals
- Receive voluntary withdrawl signal
- Instigate individual or collective evacuation alarms

PSS Merlin Software and PC Modem

PSS Merlin PC Modem (Incl. Software)	3362093	1	524	
PSS Merlin PC Modem Tablet Adaptor	Fixation of modem to Xplore tablets only	3360295	1	524

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Radio Components				
PSS Merlin Modem Kit 450 - 470 Mhz	For PSS5000/7000 only	3362093	1	524
Repeater No.1 Assembly (450-470 MHz)		3362093	1	524
Repeater No.2 Assembly (450-470 MHz)		3362093	1	524
Merlin Accessories				
Merlin IR Service Interface Cable		3354303	1	524
Merlin / Bodyguard Datalog Cable		3354304	1	524
External Antenna & Cable		3354788	1	524
External Antenna Adaptor (N to BNC)		3355189	1	524
Protective Cover ECB		3351812	1	524
Universal Power Supply		3351804	1	524
Power Cord		3589022	1	395
ECB Charging Adaptor		3351819	1	524
ECB Vehicle Charging Kit (Quick Release)		3354349	1	524
4 Way Charging Adaptor	Repeater batteries	3351815	1	524
In-Cab charger PSS Modem (Quick Release)	For PSS5000/7000 only	3351681	1	524
Vehical Charging Kit ECB		3351810	1	524
Chinagraph Pencils (Pack of 12)		3351237	1	524
RFID Tallies (5 pcs.)	For PSS Merlin PC Modem	3360838	1	524
BG7000 NiMH 4-Way charger		3357885	1	524
NiMH Battery	For PSS Merlin telemetry SCBA	3358121	1	524

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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REGIS ENTRY CONTROL BOARD

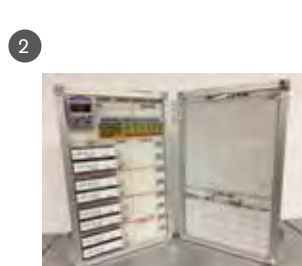


The new Dräger REGIS® 300 is a handy and robust control board for monitoring the status of team members wearing breathing apparatus during an intervention. It provides a simple display of individual entry times and allows the entry control officer to set automatic intermediate alarms after expiry of predefined times.

- Illuminated stopwatch display
- Coloured name tags
- Robust
- Automatic alarms at set intervals
- Acoustic and visual alarms

Regis Entry Control Board				
Regis 300 Entry Control Board		R55950	1	524
Regis 500 Entry Control Board	With built-in signal transmitter	R54993	1	524
Accessories				
Name tags - Red	Set of 10 with carabiner hook and stickers	R54532	1	524
Name tags - Blue	Set of 10 with carabiner hook and stickers	R54533	1	524
External Signal Generator	Extend signal transmission	R54534	1	524

ENTRY CONTROL BOARD



Entry Control Board				
1. Entry Control Board		3542079	1	524
Tally Tags	For entry control board # 1	3501399	1	524
2. DFES Style Entry Control Board		3501902	1	524

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CYLINDERS FOR PAS LITE, PSS 3000, PSS 5000 & PSS 7000



The lightweight composite cylinders are made from aluminium liners wrapped in carbon fibre with a glass overwrap. They are then cured in an oven and finally given a surface resin finish. Dräger Cylinders have an option of twenty or thirty year design life.

Carbon Fibre 20 year design life				
6.8ltr / 300 bar Carbon Fibre (RA) valve	Carbon Fibre 20 year life	3540070	1	521
6.8ltr / 300 bar Carbon Fibre (IL) valve	Carbon Fibre 20 year life	3540069	1	521
6.8ltr / 300 bar Carbon Fibre (T) valve	Carbon Fibre 20 year life	3501743	1	521
9.0ltr / 300 bar Carbon Fibre (RA) valve	Carbon Fibre 20 year life	3540072	1	521
9.0ltr / 300 bar Carbon Fibre (IL) valve	Carbon Fibre 20 year life	3502442	1	521
9.0ltr / 300 bar Carbon Fibre (T) valve	Carbon Fibre 20 year life	3503461	1	521
Carbon Fibre 30 year design life with VTI valves				
6.8ltr / 300 bar Carbon Fibre (RA) valve	Carbon Fibre 30 year life	3503288	1	521
6.8ltr / 300 bar Carbon Fibre (IL) valve	Carbon Fibre 30 year life	3503286	1	521
8.0ltr / 300 bar Carbon Fibre (RA) valve	Carbon Fibre 30 year life	3503010	1	521
8.0ltr / 300 bar Carbon Fibre (IL) valve	Carbon Fibre 30 year life	3503011	1	521
Bare cylinders				
6.8ltr / 300 bar Carbon Fibre (Dräger)	Bare cylinder 20 year life	3350348	1	521
9.0ltr / 300 bar Carbon Fibre (Dräger)	Bare cylinder 20 year life	3350350	1	521
6.8ltr / 300 bar Carbon Fibre (Dräger)	Bare cylinder 30 year life	3363318	1	521
8.0ltr / 300 bar Carbon Fibre (Dräger)	Bare cylinder 30 year life	3359110	1	521
Cylinder valves				
Right angle non ratchet valve	300Bar	3503346	1	972
Inline non ratchet valve	300Bar	3501919	1	972
Cross flow (T) non ratchet valve	300Bar	3501714	1	972
Cylinder Boots				
Cylinder boot, upper valve end	6.8ltr. CFK cylinder	3503055	1	972
Cylinder boot, lower	6.8ltr. CFK cylinder	3353722	1	972
Cylinder boot, upper valve end	9.0ltr. CFK cylinder	3503056	1	972
Cylinder boot, lower	9.0ltr. CFK cylinder	3360493	1	972

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Accessories				
Pressure test gauge	Cylinder hand held test gauge	3331209	1	517
G5/8 Valve dust plug	Blue	3549010	1	592
G5/8 Valve dust plug	Red (designates empty cyl)	3503014	1	972
G5/8 Valve dust plug	Green (designates charged cyl)	3503013	1	972
Cylinder cover yellow (6.8ltr)	Proban Cotton	3590236	1	520
Cylinder cover yellow (9ltr)	Proban Cotton	3590237	1	520
Cylinder cover Blue (6.8ltr)	Nomex	3310622	1	520
Cylinder cover Blue (9ltr)	Nomex	3310624	1	520
Cylinder cover Blue (6.8ltr)	PVC	3310619	1	520
Cylinder cover Blue (9ltr)	PVC	3310621	1	520
T piece for 6.0 - 6.8 ltr twin pack (Use IL Cylinder Valves)		3337660	1	516
For PAS Series				
Escape 2L 200 bar, aluminium, complete with int. gauge	CYL Shell 3350157, Valve 3352694	3353737	1	520
Escape 3L 200 bar, steel, complete with int. gauge	CYL Shell 3350156, Valve 3352694	3353813	1	520
Escape 2L 300 bar, composite, complete with int. gauge	CYL Shell 3352700, Valve 3353069	3353810	1	520
Escape 3L 300 bar, composite, complete with int. gauge	CYL Shell 3352699, Valve 3353069	3353811	1	520
Working 3L 200 bar, steel	CYL Shell 3350156, Valve V11130	3353813	1	520
Working 3L 300 bar, composite	CYL Shell 3352699, Valve V11110	3353811	1	520
Working 2L 300 bar, composite	CYL Shell 3352700, Valve V11110	3353810	1	520

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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TECHPLAST NANO CYLINDER



Introducing the lightweight Dräger Carbon Composite Cylinder, Type 4 with a non-limited design life. Benefiting from innovative technology and advanced materials such as a PET (Polyethylene terephthalate) liner and for maximum resilience and protection, each cylinder is finished with an epoxy resin coating to ensure a smooth, easily cleaned surface. This lightweight cylinder minimises fatigue and also offers reduced cost of ownership.

6.81 / 300 bar full composite, NLL Painted Yellow	IL EFV, Non ratchet handwheel	TBA	1	520
6.81 / 300 bar full composite, NLL Painted Yellow	RA EFV, Non ratchet handwheel	TBA	1	520
6.81 / 300 bar full composite, NLL Painted Yellow	T EFV, Non ratchet handwheel	TBA	1	520
6.81 / 300 bar full composite, NLL Natural Black	IL EFV, Non ratchet handwheel	3505710	1	520
6.81 / 300 bar full composite, NLL Natural Black	RA EFV, Non ratchet handwheel	3505685	1	520
6.81 / 300 bar full composite, NLL Natural Black	T EFV, Non ratchet handwheel	TBA	1	520
6.81 / 300 bar full composite, NLL Painted Yellow	RA EFV, Ratchet handwheel	TBA	1	520
6.81 / 300 bar full composite, NLL Natural Black	RA EFV, Ratchet handwheel	TBA	1	520

IL – in line RA = Right Angle T = Cross flow EFV = Excess flow valve

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FULL FACE MASKS



Positive Pressure Masks

1 FPS 7000 (All FPS 7000 series masks are available with anti scratch, anti fog coatings)

2 Panorama Nova EPDM (Ethylene-Propylen-Dien-Mixture)

3 Panorama Nova Silicone

Panorama Nova Mask EPDM	With push in connection	R52972	1	422
Panorama Nova Mask Silicone	With push in connection	R53070	1	422
FPS 7000 Mask EPDM Small	With push in connection	R56249	1	422
FPS 7000 Mask EPDM Medium	With push in connection	R56200	1	422
FPS 7000 Mask EPDM Medium with Hair Net	With push in connection	R56423	1	422
FPS 7000 Mask EPDM Large	With push in connection	R56300	1	422
FPS 7000 Mask SILICONE Medium	With push in connection	R56331	1	422
FPS 7000 Mask EPDM Medium with anti-scratch visor	With push in connection	R57820	1	422

Negative Pressure Masks for Canisters

Panorama Nova Mask EPDM RA	Polycarbonate visor	R52850	1	421
Panorama Nova Mask Silicone RA	Polycarbonate visor	R52855	1	421
FPS7000 Mask EPDM Medium R/A	FPS 7130 With Screw in cannister connection. Anti fog visor coating	R56305	1	421
FPS7000 Mask SILICONE Medium R/A	FPS 71110 With Screw in cannister connection	R56332	1	421
SCBA Auxiliary system	Includes FPS 7000 and long hose LDV	3540096	1	523

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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The FPS Com 5000 is the successor of the FPS Coms Plus and features many design and functional improvements

- 20% louder voice amplifier than the FPS Com Plus
- Digital noise reduction filters out background noise and acoustic feedback
- Compatible with 350+ models of radio via external PTT
- Coms integrated PTT option
- "NEW" Bluetooth connectivity eliminate cables and intrinsic safety concerns
- "NEW" BG4 mask compatibility
- Simple and quick "click lock" module fitment and removal eliminates the need for tools
- No requirement to leak test mask upon fitment
- Auto shut off if no speech is detected (after 4 mins) conserves battery life
- IECEX and IP67 certified
- Improved sealing lines for battery compartment prevents water ingress

New generation FPS Coms - FPS 5000 Coms Units				
FPS-COM 5000 without mask:	MATRIX REQUIRED	R62700	1	429
FPS-COM 5000 with Positive Pressure mask	MATRIX REQUIRED	R62702	1	429
FPS-COM 5000 with Normal Pressure mask	MATRIX REQUIRED	R62701	1	429
FPS-COM 5000 with RP mask	MATRIX REQUIRED	R62703	1	429
Torque driver kit Com 5000		3501915	1	517

The FPS Com 7000 is the premium communication system for emergency responders and industry users and features many unique functions



- Hands free team communication, full duplex communication
- Team communication upto 100mtr range using integrated short range radio
- 10 team members can be grouped together, with the requirement for only one tactical radio to communicate to entry control
- 20% louder voice amplifier than the FPS Com Plus
- Digital noise reduction filters out background noise and acoustic feedback
- Compatible with 350+ models of radio via external PTT
- Coms integrated PTT option
- "NEW" Bluetooth connectivity eliminate cables and intrinsic safety concerns
- Simple and quick "click lock" module fitment and removal eliminates the need for tools
- No requirement to leak test mask upon fitment
- Auto shut off if no speech is detected (after 10 mins) conserves battery life
- IECEX and IP67 certified
- Improved sealing lines for battery compartment prevents water ingress

FPS 7000 Coms Units				
FPS-COM 7000 without mask:		R61100	1	409
FPS-COM 7000 w/ Positive Pressure mask		R61300	1	409
FPS-COM 7000 w/ Normal Pressure mask		R61350	1	409
Torque driver kit Com 7000		3505629	1	517

Draeger Australia & New Zealand | Subject to modifications | www.draeger.com

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Com-Control 440



The Dräger C-C440 is an easy to operate push-to-talk button which simplifies the communication via the tactical radio.

The large push-to-talk button of the Dräger C-C440 makes it the first choice for operations when wearing the device under protective clothing (e.g. chemical protection suit).

The 4 pole Nexus adaptor allows a flexible connection of a headset or mask communication to the radio unit.

The C-C440 is extremely stable, robust and waterproof (MIL STD 810G and IP67) to resist all operational conditions. Depending on the radio, the unit can be ATEX approved for usage in potentially explosive environments. Order information and radio compatibilities shall be taken from the attached table.

Com-Control 550



The Dräger C-C550 Includes both an integrated microphone and speaker, which gives a flexibility of use as the device can be used with headset but also without a connected head-set. It eases the use of the tactical radio significantly. The two large push-to-talk buttons allow an easy voice transfer, even when wearing the device under protective clothing.

The C-C550 is extremely stable, robust and waterproof (MIL STD 810G and IP67) to resist all operational conditions. Depending on the radio, the unit can be ATEX approved for usage in potentially explosive environments. For Com-Control units for radios that you cannot find in the table please contact Dräger.

For part numbers and pricing please see the 'Communication Systems' folder in 'Sales info from Marketing' or contact the relevant product manager

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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COMMUNICATION SYSTEMS - MASK COMMUNICATION

MS COM

A durable and easily mounted communication unit especially designed for Dräger full face masks. The speaker positioned in the temple area and the microphone positioned in the exhalation area enable an optimal communication by all dräger com-control-units to the radio.

Speaker: One speaker

Compatibility: Dräger Com-Control 400/440 500/550

Connector: Quick release plug (4 pole)

Remarks: Bracket is needed

ATEX approved*:



MS COM*	coiled cable	R35085	1	404
MS COM	coiled cable	R35025	1	404

MS COM Boom

A durable and easily mounted communication unit especially designed for Dräger full face masks. The speaker positioned in the temple area and the microphone positioned in the exhalation area enable an optimal communication by all dräger com-control-units to the radio. Easily adapted with a clip-on-system. only The bracket has to be mounted to the mask before.

Two speakers for all helmets with bone conductive microphone

Speaker: Two

Compatibility: Dräger Com-Control 400/440 500/550

Connector: Quick release plug (4 pole)

ATEX approved*:



MS-COM Boom FP*	straight, flash-over proof cable	R60918	1	404
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Accessories

Mounting brackets for adaption to masks

Bracket	For the assembly onto the Panorama Nova full face mask with metal frame	R35063	1	404
Bracket MS-COM	For the assembly onto the FPS 7000 full face mask	R56846	1	404

Mask caps

Protective cap for Panorama Nova P		R55086	1	404
Protective cap for Panorama Nova RA		R55088	1	404
Cap for FPS 7000 P/RA MS-COM		R56821	1	404
Cap for FPS 7000 RP MS-COM		R56981	1	404

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Noise-COM

The Dräger Noise-COM combines classical ear protection with a headset fitting almost any muff type hearing protection.

Fits comfortably in the protection of the Dräger HPS 3100 and because of the quick assembly and disassembly the Noise-COM can be stored separately from the hearing protection, e.g. with the radio. In contrast to the in-ear-systems this headset can be used by several people without any hygiene issues.

Speaker: One

Microphone: Boom microphone

Compatibility: Dräger Com-Control 400/440 500550

cable: Coiled cable

ATEX approved*:



Noise-COM*	coiled cable	R60923	1	404
Noise-COM	coiled cable	R60939	1	404

This communication unit is available with an integrated PTT for several radios. This version can be connected with the individual radio without an external ptt. Order-codes are available at Dräger. Not ATEX approved!

TMS-COM

The Dräger TMS-COM is a comfortable and sensitive throat microphone that can be adapted to any Dräger control unit. This system can be used in high-noise environments and under protective suits. The flexible and washable neck band can be ordered as a spare part.

Speaker: One

Microphone: Throat microphone

Compatibility: Dräger Com-Control 400/440 500/550

Connector: Quick release plug (4 pole)

Cable: Coiled cable

ATEX approved*:



TMS-COM*	coiled cable	R35026	1	404
TMS-COM	coiled cable	R60920	1	404

E-COM

The Dräger E-COM is a personal speaker unit, which can be used for surveillance, incident command and police tasks. It is very small and can be adapted to either ears. The voice sensitive microphone offers good speech transmission with all Dräger control units. Not ATEX approved.

Speaker: One

Compatibility: Dräger Com-Control 400/440 500/550

Connector: Quick release plug (4 pole)

Cable: Coiled cable



E-COM	coiled cable	R60913	1	404
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This communication unit is available with an integrated PTT for several radios. This version can be connected with the individual radio without an external ptt. Order-codes are available at Dräger. Not ATEX approved!

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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ANP-COM Communication unit



The ANP-COM is an integrated communication unit with active hearing protection.

It protects against loud, distracting background noises, while also allowing direct communication with others.

Radio messages can likewise be heard clearly.

Ideal combination of active hearing protection and a radio communications system: Even at very high noise volumes (offshore sites, shipyards, helicopters, engine-rooms), the integrated microphones and speakers allow low-level surrounding sounds to be picked up.

The external microphones direct the sounds to the earmuffs. There, they are played back in stereo so the user can even hear from which direction the sounds are coming. Whenever the noise volume lowers to a tolerable level, the hearing protection switches back to listening mode and surrounding sounds are amplified again.

With its slim design, the ANP-COM is even suitable for wearing under a helmet.

ANP-COM with swan-neck microphone	R35109	1	404
ANP-COM with throat microphone	R35142	1	404
Dräger ANP-COM with bone conduction microphone	R35143	1	404

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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A range of accessories are available to suit the Xplore, Panorama Nova and FPS masks for storage and transport and to facilitate use of spectacles

Accessories Full Face Mask				
Mask box I	Hard plastic storage box, suits Panorama Nova, X-plore, CDR and FPS masks incl filter or LDV	R53680	1	428
Mask box II	Hard plastic storage box, suits Panorama Nova, X-plore, CDR and FPS masks without filter or LDV	R54610	1	428
Wikov V	Hard plastic storage box for Panorama Nova, X-plore or CDR masks only	R51019	1	428
Mask bag		3549027	1	428
Mask bag (Vinyl)		3549037	1	428
Mask bag (Protex)	Dräger Protex mask bag	R54939	1	428
Mask bag blue cotton		AH00091	1	428
Spectacle frame kit	For Panorama Nova mask only	R51548	1	428
Spectacle frame kit	For FPS 7000 mask only	R56230	1	428



Available in either a gel, liquid or spray form, Dräger's ANTI-MIST agent for mask visors.

Anti - Mist				
ANTI-MIST fluid - 50 ml bottle	For NON coated visors	R52550	1	978
ANTI-MIST gel bottle 50 ml bottle	For NON coated visors	R52560	1	978
Klar-pilot comfort ANTI MIST spray	For coated visors Marked PCAs or PCaf	R56542	1	978
Drying cabinet for breathing masks MTS 6	Drying capacity for 36 masks, also available for 24 or 12 masks, price on request	6573052	1	487

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CLEANING AND DISINFECTION



Oxivir Excel® Wipes are a stable combined cleaning and disinfectant wipe. The wipe is ready for immediate use and provides full Bactericidal Virucidal & Yeasticidal efficacy which is achieved with 1-minute contact time (including coronavirus). It is very gentle on surfaces and low risk to users as no personal protective equipment (PPE) is required.

Oxivir Excel® Wipes are suitable for use with the following Dräger products:

- Full masks
- Half masks
- Blower filter units (PAPR)
- Test devices incl. measuring heads and gel faces
- Alcotest, Interlock and DrugTest devices

Supplied in a convenient resealable soft pack containing 100 individual wipes

Oxivir disinfection wipes				
Oxivir soft pack wipes	24 x 100 packs	3505708	1	978
Oxivir soft pack wipes	1 x 100 pack	3505709	1	978

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PALTECH Multi Surface wipes are designed for surface cleaning and disinfecting

- The wipes are very versatile and can be used on a wide range of personal protective equipment
- They are ideal for the hygienic maintenance of face masks, protective eyewear, face plates and breathing apparatus
- The convenient container of wipes can be kept with the equipment and used to keep it hygienic and to prevent cross contamination between users

PALTECH Multi Surface wipes				
PALTECH Multi Surface wipes Wipes pkt 100		3701421	1	978
Cleaning Solutions				
SEKUSEPT Cleaner (4 x 2 LITRE)	For manual cleaning face masks & chemical protection suits prior to disinfection	7904071	1	978
ELTRA Washing detergent (20KG bag)	For machine cleaning and disinfection of face masks and chemical protection suits	7904074	1	978
Oasis Compac™ is a disinfection and cleaning fluid Neutral pH, dual-chain quaternary ammonium-based one-step disinfectant, detergent.				
Concentration solution (1.25%) is approved for disinfection of facemasks without coms units fitted.				
Oasis Compac™ Neutral Disinfectant	10 litre container	3503983	1	978
Asepti BA Cleaner Disinfectant	2 litre container	3505268	1	978
Oasis dosing unit	Manual pump with adjustable dosing	3504008	1	978
Oasis dosing pump	Manual dosing pump (pre-set at 25mls)	3504009	1	978
Asepti dosing pump	Pump to suit 2ltr Asepti 10ml dosing	3505404	1	978
Wall bracket	Wall bracket to suit 10ltr Oasis drum	3504010	1	978

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Combined cleaning and disinfection of personal protective equipment

Neoform® K plus offers you reliable disinfection and very good cleaning performance. This allows you to achieve cleanness and hygiene in a single operation. Thanks to the broad efficacy spectrum and short reaction times, you achieve comprehensive hygiene safety and fast results.

Advantages

- High disinfection safety despite lower application concentration and short exposure time in the immersion bath
- Broad efficacy spectrum against bacteria and yeasts, as well as limited against viruses
- Combined cleaning and disinfection of personal protective equipment
- Comprehensive material compatibility
- Easy handling of the dosage by additional dosing device
- Disinfectant cleaner concentrate free of perfume, dyes and aldehydes
- High economic efficiency due to lower application concentration in the immersion bath

Neoform K plus	5ltr Container	3505711	1	978
Angled drain cock	for 5ltr container	3706162	1	978
Measuring cup	500ml with scale	3706163	1	978

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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TEST EQUIPMENT



Ready for use following attachment to a compressed air supply, Draeger's compact table top Testor is suitable for CABA, masks, and gas suits.

- Gel Face II test head with knuckle head connection
- Low pressure gauge
- Medium pressure gauge
- Electronic stop-watch with audible signal
- Injector pump
- Pneumatic control switches, for generation of positive or negative pressures

Testor				
Testor 2500	Basic test unit & IFU no PC recording	R62950	1	546
Testor 3500	Basic test unit & IFU, USB cable and Draeger protector software	R62970	1	546
Upgrade kit Testor 2100 - Testor 3100	Upgrades post 2005 model Testor 2100 only	AG02650	1	547
Accessories and Spare Parts				
Workbench fixture	For securing the Testor 2500/3500 test device to a work bench	R62968	1	547
Shut of Valve	For isolating the medium pressure supply to the Test bench	AG02382	1	547
C-Clamp	for securing the Testor 2100/3100 test device to a work bench	R50809	1	547
Medium Pressure Hose	For connecting the test device to a stationary compressed-air pipeline NW7, 1	R46542	1	547
Positive pressure valve stopper		R53349	1	547
Positive pressure sealing stopper		R53345	1	547
Negative pressure sealing stopper		R53344	1	547
Adaptor plug into round thread		R50028	1	547

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER QUAESTOR



All Static and dynamic Tests of the Dräger Quaestor 5000 take place semi-automatically as a sophisticated combination of personal handling and automated control during the test sequence. The newly developed software supports the user with intuitive user guidance.

With the Dräger Quaestor 5000 it is possible to test the following components:

- Full Face Masks
- Chemical protection Suits (Accessories necessary)
- Airline Breathing Equipment
- Compressed air breathing apparatus

Available options for further Testing:

- Closed circuit breathing apparatus
- Safety valves of pressure reducer

DRÄGER Quaestor 5000				
Dräger Quaestor 5000 Standard		R58316	1	546
Dräger Quaestor 5000 CCBA		R58318	1	546
Dräger Quaestor 5000 SV		R58365	1	546
Dräger Quaestor 5000 CCBA/SV		R58366	1	546

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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All Static and dynamic Tests of the Dräger Quaestor 7000 are carried out fully automatically. Controlled by the newly developed software each test is carried out intuitively. For the user this guarantees high efficiency through comfort and speed.

With the Dräger Quaestor 7000 it is possible to test the following components:

- Full Face Masks
- Chemical protection Suits (Accessories necessary)
- Airline Breathing Equipment
- Compressed air breathing apparatus

Available options for further Testing:

- Closed circuit breathing apparatus
- Safety valves of pressure reducer
- Diving apparatus

DRÄGER Quaestor 7000				
Dräger Quaestor 7000 Standard		R58312	1	546
Dräger Quaestor 7000 CCBA		R58313	1	546
Dräger Quaestor 7000 SV		R58314	1	546
Dräger Quaestor 7000 CCBA/SV		R58364	1	546
Accessories and Spare Parts				
Dräger QSI-Box	For the sound insulation of the low pressure warning	R58382	1	547
Helmet-Mask-Adapter	Holder to be attached to the test head for testing all Dräger Helmet-Mask combinations	R58116	1	547
Compressed air breathing apparatus holder	Used during the test to keep the compressed air breathing apparatus upright	R57420	1	547
Breathing adapter AG02535 546 1 357,00	Enables a positive leak tightness in accordance with vfdb 0408	AG02535	1	547
Gauge holder	For easy positioning of the gauge or Dräger Bodyguard on the test device	R58025	1	547
Hose CPS-Test R58504		R58504	1	

Dräger Comfort Vest Cooling Vest

Increased performance by up to four hours - without the need for elaborate preparation or logistics: when work gets hot, the Dräger Comfort Vest CVP 5220 is always ready to use as it delivers the cooling action itself. This means: no pre-freezing, no dipping into water, no risk due to dangerous circulating air - and no time loss.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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COOL VEST

Comfort Vest - CVP 5220



The CVP 5220 utilises 20 phase change material elements (PCM-elements) that when exposed to temperatures above 28°C will liquify and reduce the skin temperature by 3-4°C for up to 4 hours. The PCM-element contain a salt crystal mixture in a polyester/polamide pack. When returned to a cooler environment below 22°C the elements regenerate and become solid again. At 20°C they take approximatley 4 hours to regenerate and at 8°C they take approximatley 30 minutes



CVP 5220 & Accessories				
1. Comfort Vest	S/M (84cm-100cm)	R58762	1	975
1. Comfort Vest	L/XL (100cm-116cm)	R58763	1	975
1. Comfort Vest	XXL/XXXL (116cm-132cm)	R58764	1	975
1. Comfort Vest	XXXXL/XXXXXL (132cm-148m)	R58761	1	975
2. PCM Element Large	20 per vest. Max 3 year replacement interval	R45104	1	975
Transportation Bag Blue		R53373	1	975

PERSONAL PROTECTIVE EQUIPMENT

SPC 4700 with CVA 0700 Ventilated splash-protective suits

Comfort and mobility, along with optimal protection: that's what you get when you combine the Dräger SPC 4700 liquid-tight protective suit with the CVA 0700 ventilation vest. This type 3 suit reliably protects against chemicals while the vest provides a continuous supply of breathing air and a pleasant, cooling airflow.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SPC 4700 – MADE FROM CLF AND CPM MATERIAL

The new suit material, made from CLF and CPM is comfortable, soft and makes little noise. Plus it is highly resistant to chemicals and available in three suit configurations. The ventilation vests have also been improved: the noise level has been reduced to below 70 db(A), and the new, improved cleaning system enables simple machine-cleaning of the vest. With an average air consumption of 300 – 400 l/min (depending on the compressed air supply), the CVA 0700 supplies a cost-effective, safe, comfortable and steady air feed. Important components of the system, like the pressure reducer, come from the tried-and-trusted Dräger PSS series..



SPC 4700,
CPM in yellow




SPC 4700,
CLF in orange



SPC 4700,
CLF in white

Product Features	Panorama	GLOVES			Material (Colour)			Socks		Zipper Back	Emergency flap Front			
	Visor	Laminate	Camatril®	Arm cuffs	Yellow	Orange	White	PVC soles	Cuffs					
SPC 4700 (CPM)	•		•		•				•	•	•			
SPC 4700 (CLF, orange)	•	•		•		•			•	•	•			
SPC 4700 (CLF, white)	•	•		•			•	•		•	•			
SPC 4700 - CPM in Yellow														
SPC 4700 yellow, size S											Height 1.64 - 1.70 m	R63411	1	559
SPC 4700 yellow, size M											Height 1.70 - 1.76 m	R63412	1	559
SPC 4700 yellow, size L											Height 1.76 - 1.82 m	R63413	1	559
SPC 4700 yellow, size XL											Height 1.82 - 1.88 m	R63414	1	559
SPC 4700 yellow, size XXL											Height 1.89 - 1.94 m	R63415	1	559
SPC 4700 yellow, size XXXL											Height 1.94 - 2.00 m	R63416	1	559
SPC 4700 - CLF in Orange														
SPC 4700 orange, size S											Height 1.64 - 1.70 m	R63487	1	559
SPC 4700 orange, size M											Height 1.70 - 1.76 m	R63488	1	559
SPC 4700 orange, size L											Height 1.76 - 1.82 m	R63489	1	559
SPC 4700 orange, size XL											Height 1.82 - 1.88 m	R63490	1	559
SPC 4700 orange, size XXL											Height 1.89 - 1.94 m	R63491	1	559
SPC 4700 orange, size XXXL											Height 1.94 - 2.00 m	R63492	1	559

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
SPC 4700 - CLF in White				
SPC 4700 white, size S	Height 1.64 - 1.70 m	3700598	1	559
SPC 4700 white, size M	Height 1.70 - 1.76 m	3700599	1	559
SPC 4700 white, size L	Height 1.76 - 1.82 m	3700600	1	559
SPC 4700 white, size XL	Height 1.82 - 1.88 m	3700601	1	559
SPC 4700 white, size XXL	Height 1.89 - 1.94 m	3700602	1	559
SPC 4700 white, size XXXL	Height 1.94 - 2.00 m	3700603	1	559
CVA 0700				
	<p>The CVA 0700 is an air fed cool vest intended primarily to be used inside the SPC 3700 inflatable chemical protection suits. 10 year lifetime, 300-400 l/min.</p> <p>Features - Safe-flow reducer and auto-test function for greater safety.</p>			
CVA 0700 Air Vest	Complete vest and airline belt manifold	3363602	1	559

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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		SUBSTANCE IS KNOWN AND SITUATION IS UNDER CONTROL		SUBSTANCE AND SITUATION ARE UNKNOWN (E.G. FIRST SITE EVALUATION) OR SPECIAL HAZARDS ARE TO BE EXPECTED				
Dräger protective suit Breathing apparatus		Liquids / Solids	Known gases*	Unknown gases*	Mechanical stress	Liquefied gases	Working in explosive zones	Arctroughs / Breakthroughs
1	CPS 7900 Inside: SCBA	•	•	•	•	•	•	•
2	CPS 7800 Outside: F / SCBA	•	•	•	•			
3	CPS 5900 Inside: SCBA	•	•	•				
4	CPS 5800 Outside: F / SCBA	•	•	•				
5	CPS 6900 Inside: SCBA	•	•			•		
6	CPS 6800 Outside: F / SCBA	•	•					
7	SPC 4800 Outside: F / SCBA	•						
8	SPC 4400 CLF Outside: WO / F / SCBA	•						
9	SPC 4400 CLM Outside: WO / F / SCBA	•						
10	WorkStar PVC Outside: WO / F / SCBA	•						
11	WorkStar Flexothane Outside: WO / F / SCBA	•						




F = Filter, SCBA = Self Contained Breathing Apparatus, WO = No Breathing Apparatus

*See VOICE (hazardous substances database) for resistance data at www.draeger.com/voice

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
				
1 Dräger CPS 7900	<ul style="list-style-type: none"> - Tailor-made for use under extreme conditions - Gastight, reusable protective suit - Excellent protection from industrial chemicals, chemical warfare agents and other toxic substances - Innovative material: Suitable for use with cryogenic substances down to - 80°C and in explosive zones - Flame retardant and self-extinguishing 			
2 Dräger CPS 7800	<ul style="list-style-type: none"> - Reusable, gas-tight protective suit; the breathing apparatus is worn over the suit - Highest possible protection for the wearer - High-grade D-MEX material: high chemical and mechanical resistance, excellent resistance to shooting flames - Permanently integrated mask or integrated facial cuff: (can be combined with different masks) - Highest protection in CSE areas - Available in blue and orange 			
3 Dräger CPS 5900	<ul style="list-style-type: none"> - Gastight limited use protective suit - Specifically designed for less hazardous tasks such as pre entry measurements - Or transferring substances without explosion hazard - High protection against a variety of industrial chemicals and chemical warfare agents - Limited use: resistance to mechanical impacts and flames not as high as that of the CPS 7900 			
4 Dräger CPS 5800	<ul style="list-style-type: none"> - Perfect gastight disposable protection for less hazardous applications - Proven WorkMaster pro ET design with flexible facial cuff - Protects from a variety of industrial chemicals - Optimal protection for emergencies as well as maintenance and repair work - Limited use: resistant to mechanical impacts and flames (not the same protection level as the WorkMaster pro ET) 			

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
				
5 Dräger CPS 6900	<ul style="list-style-type: none"> - Gastight protection from cryogenic hazardous substances and acids and alkaline substances in low concentrations - UMEX material: the highest degree of wearing comfort with very good mechanical strength and excellent flexibility 			
6 Dräger CPS 6800	<ul style="list-style-type: none"> - Gastight even with cryogenic hazardous substances and acids and alkaline substances in low concentrations - Material remains flexible even at very low temperatures - Fits close to the body: Unrestricted manoeuvrability (advantage when working in restricted spaces) - Permanently integrated mask or integrated facial cuff: (can be combined with different masks) 			
7 Dräger SPC4800	<ul style="list-style-type: none"> - Optimal for use with liquid chemicals - No additional sealing required: permanently attached gloves, integrated socks with drip cuffs and flexible facial cuff - Disposable protection for inspections, maintenance, and decontamination activities 			
8 Dräger SPC 2400 PVC	<ul style="list-style-type: none"> - Reusable protective suit - Solid protection from liquids for rougher jobs such as cleaning with high pressure equipment or tank cleaning - Robust material: offers protection when using cleaning agents, low concentrations of acids and base, and inorganic salts 			
9 Dräger SPC 2400 Flexothane	<ul style="list-style-type: none"> - High degree of wearing comfort: light material permeable by water vapour - Ideal for handling lubricants, oils, crude oil, machine oils, and petroleum - Material remains flexible even at very low temperatures 			

PERSONAL PROTECTIVE EQUIPMENT

5 QUESTIONS TO OBTAIN THE RIGHT PROTECTIVE SUIT



1. Which hazardous substances are you exposed to during your work?

- If you know the hazardous substance, you can take tangible measures to protect yourself. The Dräger VOICE Hazardous Substances Database lets you know which suit protects against which hazardous materials and for how long.
- If you do not know the hazardous substance, always assume the worst case scenario and select the next higher degree of protection.

2. Do you have to wear breathing apparatus during your work?

- If no respiratory protection is needed, simple overalls or other protective clothing that protect against the respective chemical agents will be sufficient.
- If you work with filter equipment, it is best to use a suit equipped with integrated full-face mask or facial sleeve.
- If you need an SCBA, make sure the equipment is comfortable to wear either over or under your protective suit.

3. What is your work environment like

- A traffic accident requires you to reach in between or handle sharp-edged objects. A protective suit with a higher mechanical strength, such as a reusable model, is recommended when your work environment is unpredictable.
- If damage is unlikely, you can also use a limited-use suit.

4. How easily can the pollution caused by the hazardous substance be removed (decontamination)?

- If the hazardous substance is difficult to remove from surfaces, you should wear a protective suit with the breathing apparatus worn on the inside of the suit. By this means you can protect it from contamination.

5. What are the associated risks of working with the hazardous substance?

- If it is a very cold hazardous substance such as liquefied gas, the material of the suit must not become brittle or fracture when exposed to the cold.
- If the hazardous substance is flammable at ambient temperatures, the protective suit must be flame-resistant.
- If there is a risk of explosion in the area where the hazardous substance is leaking, the suit must have the relevant electrostatic properties.
- If the hazardous substance is a toxic gas, only a gas-tight chemical protection suit should be used, never a splash-guard suit.

PERSONAL PROTECTIVE EQUIPMENT

Dräger SPC 2400 PVC / Flexothane Splash Suit

The Dräger SPC 2400 is a reusable suit, which is reliable in protecting you from liquids and dust. The suit is available in a specially robust version made of PVC or as a light, water vapour permeable version made of flexothane.

One-piece overall (Flexothane) with hood
Hood with cord

Enhanced recognisability and safety
The upper arms have reflecting strips

Elastic Sleeves with cuffs and leg ends
Adjustable with push buttons

Zipper
Zipper with double protection

Reusable
The suit is easily reusable and can be machine washed

One-piece overall (PVC)
With three-part hood - providing good fit and freedom of movement

Sleeves and legs with elastic ends
New sleeve design with tight fit and high freedom of movement

Double zipper
With additional protection

Reusable
The suit can be machine cleaned

Manufactured by:
Lakeland

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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REUSABLE SPLASH SUIT

SPC 2400 PVC Lakeland



The Dräger SPC 2400 is a reusable suit, which is reliable in protecting you from liquids and dust. The suit is available in a specially robust version made of PVC or as a light, water vapour permeable version made of flexothane.

Suits				
SPC 2400 PVC, size S	H -164 to 170cm, W -84 to 92cm	3711618	1	560
SPC 2400 PVC, size M	H -170 to 176cm, W -92 to 100cm	3711619	1	560
SPC 2400 PVC, size L	H -176 to 182cm, W -100 to 108cm	3711620	1	560
SPC 2400 PVC, size XL	H -182 to 188cm, W -108 to 116cm	3711621	1	560
SPC 2400 PVC, size XXL	H -189 to 194cm, W -116 to 124cm	3711622	1	560
SPC 2400 PVC, size XXXL	H -194 to 200cm, W -124 to 132cm	3711623	1	560

SPC 2400 Flexothane



The WorkStar Flexothane is an overall with hood for protection against solid and liquid chemicals, approved to type 4. Material permeable to water vapour with high wearing comfort. Zip fastener with cover flap made of suit material. Ideal for work with oils, lubricants, gasoline, Diesel, etc. 2 Year storage life. No boots or gloves Included

Suits				
WorkStar Flexothane, size M	H -164cm to 182cm, W -96cm to 104cm	R54522	1	556
WorkStar Flexothane, size L	H -170cm to 188cm, W -104cm to 112cm	R54523	1	556
WorkStar Flexothane, size XL	H -170cm to 188cm, W -112cm to 120cm	R54524	1	556
WorkStar Flexothane, size XXL	H -176cm to 194cm, W -120cm to 128cm	R54998	1	556

[See boots and gloves page for options](#)

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Technical Data				
Material properties	SPC 2400 PVC Lakeland		SPC 2400 Flexothane	
Colour	Yellow		Red/dark-blue	
Weight	310 g/m ²		170 g/m ²	
Material	Textile coated with PVC on both sides		Breathable textile	
Abrasion resistance	Class 6 of 6		Class 5 of 6	
Flex cracking resistance	Class 6 of 6		Class 6 of 6	
Seam resistance	Class 4 of 6		Class 4 of 6	
Washability	Machine wash (max. 30 °C)		Machine wash (max. 40 °C)	
Shelf life ¹	10 years		3 years	
Permeation data for liquids	Resistance data can be found at www.draeger.com/voice			
Approvals				
EU requirements for protective suits	EN 14605, Type 3		-	
	EN 14605, Type 4		EN 14605, Type 4	
EU requirements for protective suits – Electrostatic properties	EN 1149-5		-	
¹ Without use and in compliance with the specified storage conditions				

PERSONAL PROTECTIVE EQUIPMENT

Dräger SPC 4400 / SPC 4800 / SPC 4900 Splash Tight Suit

Light and comfortable to wear: Dräger SPC 4X00 liquid-tight splash suits offer reliable protection against the finest particles and powders, many concentrated inorganic acids and alkaline solutions, and are also resistant to a wide variety of organic liquid chemicals. They are CE-certified and classified as type 3, 4, 5 and 6.



PERSONAL PROTECTIVE EQUIPMENT

SPC 4400 / SPC 4800 / SPC 4900 - SPLASH TIGHT SUITS

Light and comfortable to wear: Dräger SPC 4X00 liquid-tight splash suits offer reliable protection against the finest particles and powders, many concentrated inorganic acids and alkaline solutions, and are also resistant to a wide variety of organic liquid chemicals. They are CE-certified and classified as type 3, 4, 5 and 6.

Models available



SPC 4400



SPC 4400



SPC 4400

Hood with elastic drawstring
and cover panels

Face cuff



Visor

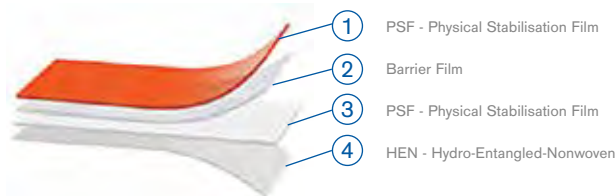
Product Features		SPC 4400 (CPM)	SPC 4400 (CLF)	SPC 4800 (CLF antistatic)	SPC 4800 (CLF)	SPC 4900 (CLF)
Material	CPM (yellow)	•				
	CLF (orange)		•	•	•	•
Hood with elastic drawstring		•	•			
Face cuff				•	•	
Visor						•
Zipper	Front	•	•			
	Back			•	•	•
Gloves	Laminate gloves			•		
	Butyl gloves				•	•
	With arm cuffs			•		
Without gloves	Elasticated wrists	•	•			
Socks	Antistatic design			•		
	Socks with cuffs			•	•	•
Without socks	Elasticated ankles	•	•			

PERSONAL PROTECTIVE EQUIPMENT

CPM Material Data



CLF Material Data



Models



SPC 4400

made of CPM or CLF material, 6 different sizes available

SPC 4800, SPC 4900, antistatic

made of CLF, 6 different sizes available

SPC 4900

made of CLF material,
6 different sizes available

Technical Data

Dräger SPC 4X00

Material properties	CPM	coated barrier protection material
	CLF	carrier fleece
	Usage frequency ¹	designed for limited use ³
	Storage life ²	SPC 4400 (CPM): 5 years SPC 4400 (CLF): 10 years SPC 4800 and 4900*: 10 years
Permeation data	The constantly updated Dräger VOICE database provides reliable information about chemical resistances: www.draeger.com/voice	
Suit approvals	EN 14605	EU requirements for protective clothing Types 3 and 4
	EN ISO 13982-1	EU requirements for protective clothing Type 5
	EN 13034	EU requirements for protective clothing Type 6
	EN 1073-2	EU requirements for clothing that protect against radioactive contamination
	EN 14126	EU requirements for clothing that protect against infection agents
	EN 1149	EU requirements for protective clothing - electrostatic properties

¹ As defined by ISO 11610² Without use and in observance of the specified storage conditions³ The SPC 4400 (CPM) is designed for single use only.

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
SPC 4400 - CPM				
SPC 4400, size S	Height 1.64 - 1.70 m	R63547	1	559
SPC 4400, size M	Height 1.70 - 1.76 m	R63548	1	559
SPC 4400, size L	Height 1.76 - 1.82 m	R63549	1	559
SPC 4400, size XL	Height 1.82 - 1.88 m	R63550	1	559
SPC 4400, size XXL	Height 1.89 - 1.94 m	R63551	1	559
SPC 4400, size XXXL	Height 1.94 - 2.00 m	R63552	1	559
SPC 4400 - CLF				
SPC 4400, size S	Height 1.64 - 1.70 m	R63553	1	559
SPC 4400, size M	Height 1.70 - 1.76 m	R63554	1	559
SPC 4400, size L	Height 1.76 - 1.82 m	R63555	1	559
SPC 4400, size XL	Height 1.82 - 1.88 m	R63556	1	559
SPC 4400, size XXL	Height 1.89 - 1.94 m	R63557	1	559
SPC 4400, size XXXL	Height 1.94 - 2.00 m	R63558	1	559
SPC 4800 - CLF antistatic				
SPC 4800, size S	Height 1.64 - 1.70 m	R63417	1	559
SPC 4800, size M	Height 1.70 - 1.76 m	R63418	1	559
SPC 4800, size L	Height 1.76 - 1.82 m	R63419	1	559
SPC 4800, size XL	Height 1.82 - 1.88 m	R63420	1	559
SPC 4800, size XXL	Height 1.89 - 1.94 m	R63421	1	559
SPC 4800, size XXXL	Height 1.94 - 2.00 m	R63422	1	559
SPC 4800 - CLF				
SPC 4800, size S	Height 1.64 - 1.70 m	R63493	1	559
SPC 4800, size M	Height 1.70 - 1.76 m	R63494	1	559
SPC 4800, size L	Height 1.76 - 1.82 m	R63495	1	559
SPC 4800, size XL	Height 1.82 - 1.88 m	R63496	1	559
SPC 4800, size XXL	Height 1.89 - 1.94 m	R63497	1	559
SPC 4800, size XXXL	Height 1.94 - 2.00 m	R63498	1	559
SPC 4900 - CLF				
SPC 4900, size S	Height 1.64 - 1.70 m	R63453	1	559
SPC 4900, size M	Height 1.70 - 1.76 m	R63454	1	559
SPC 4900, size L	Height 1.76 - 1.82 m	R63455	1	559
SPC 4900, size XL	Height 1.82 - 1.88 m	R63456	1	559
SPC 4900, size XXL	Height 1.89 - 1.94 m	R63457	1	559
SPC 4900, size XXXL	Height 1.94 - 2.00 m	R63458	1	559

PERSONAL PROTECTIVE EQUIPMENT

Dräger CPS 5800 Gas-Tight Suit

The Dräger CPS 5800 is a limited-use chemical protective suit for industrial applications and operations on board that involve a gaseous, liquid or solid hazardous substance.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CPS 5800 - LIMITED USE SUIT

CPS 5800

The CPS 5800 is a gas tight suit made of 3 layer Zytron 500. The breathing apparatus is worn on the outside of the suit. It provides excellent protection against a broad range of substances. It is classified as a limited use suit which means any prolonged exposure to heat or UV or if the suit was contaminated with a toxic or unknown chemical then it should be removed from service.



Shelf Life - 10 years
 Maintenance - Every Year
 Lead Times - Typically 3 weeks if not in stock
 Glove Combination - Laminate & Butyl. Optional overgloves available
 Integrated Socks - Same as suit material with boot flaps. Add boots
 Zip - Diagonal in front
 Lead Times - Typically 3 weeks if not in stock
 Storage - Comes in a transport bag

CPS 5800				
CPS 5800 Size M	160 cm to 175 cm	R57787	1	554
CPS 5800 Size L	170 cm to 185 cm	R57788	1	554
CPS 5800 Size XL	180 cm to 190 cm	R57789	1	554
CPS 5800 Size XXL	185 cm to 200 cm	R57790	1	554

[See boots and gloves pages for options](#)

PERSONAL PROTECTIVE EQUIPMENT

Dräger CPS 5900 Gas-Tight Suit

The Dräger CPS 5900 is the ideal disposable, gas-tight chemical protective suit for hazmat incidents. Where complete protection against hazardous gases, liquids and particles is of the utmost priority, this lightweight garment is the suit of choice.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CPS 5900 - LIMITED USE SUIT

CPS 5900

The CPS 5900 is a gas tight fully encapsulated suit made of orange 3 layer Zytron 500. It provides excellent protection against a broad range of substances. It is classified as a limited use suit which means any prolonged exposure to heat or UV or if the suit was contaminated with a toxic or unknown chemical then it should be removed from service.



Shelf Life - 10 years
 Maintenance - Every Year
 Lead Times - Typically 3 weeks if not in stock
 Glove Combination - Laminate & Butyl
 Integrated Socks - Same as suit material with boot flaps
 Zip - Diagonal in front
 Storage - Comes in a transport bag

CPS 5900 (Orange)

CPS 5900 Size S	150 cm to 165 cm	R57781	1	554
CPS 5900 Size M	160 cm to 175 cm	R57782	1	554
CPS 5900 Size L	170 cm to 185 cm	R57783	1	554
CPS 5900 Size XL	180 cm to 190 cm	R57784	1	554
CPS 5900 Size XXL	185 cm to 200 cm	R57785	1	554

CPS 5900 (Orange) - With Passthrough for airline

CPS 5900 Size S	150 cm to 165 cm	R57984	1	554
CPS 5900 Size M	160 cm to 175 cm	R57957	1	554
CPS 5900 Size L	170 cm to 185 cm	R57958	1	554
CPS 5900 Size XL	180 cm to 190 cm	R57959	1	554
CPS 5900 Size XXL	185 cm to 200 cm	R57960	1	554

[See boots and gloves pages for options](#)

CPS 5900 - Training Suit (Yellow)

CPS 5900 Size S	150 cm to 165 cm	R58671	1	554
CPS 5900 Size M	160 cm to 175 cm	R58672	1	554
CPS 5900 Size L	170 cm to 185 cm	R58673	1	554
CPS 5900 Size XL	180 cm to 190 cm	R58674	1	554
CPS 5900 Size XXL	185 cm to 200 cm	R58675	1	554

PERSONAL PROTECTIVE EQUIPMENT

Dräger CPS 6800 Gas-Tight Suit

If you are looking for protection against cryogenic hazardous substances and low concentrations of acids and alkalis then the Dräger CPS 6800 chemical protective suit is the right choice. The new and innovative suit design is more flexible and allows you to comfortably enter confined spaces.



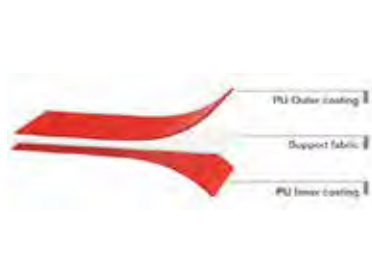
PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CPS 6800 - REUSABLE SUIT

CPS 6800

The CPS 6800 is a gas tight suit with a 3 layer design incorporating UMEX material. The breathing apparatus is worn on the outside of the suit. It provides excellent protection against Chlorine & Ammonia and other cryogenic substances and has been tested for short-term exposure of -80°C. If the gloves of the suit are going to be exposed to these low temperatures we recommend cryogenic over-gloves.



Shelf Life - 10 years

Maintenance - Every Year or every 2nd year when stored in the Transportation & Storage Bag that the preconfigured suit comes in

Lead Times - Typically 3 weeks for the preconfigured suits

CPS 6800 - Matrix Configured

CPS 6800 Matrix configured Suit		R29460	1	911
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CPS 6800 - Preconfigured

CPS 6800 size L, PVC boots size 9, Butyl gloves size 10	Preconfigured Red suit that comes with face cuff, CPS storage & transport bag and cotton gloves	R62021	1	911
CPS 6800 size XL, PVC boots size 11 Butyl gloves size 11		R62022	1	911

CPS 6800 - Over & Inner Gloves

Overgloves Tricotril, Size 10 (pair)	High cut protection from Kevlar, high mechanical resistance, good grip	R55968	1	975
Overgloves Tricotril, Size 11 (pair)		R55966	1	975
Overgloves K-Mex Gigant, Size 14 (pair)	High cut protection from Kevlar, high wearing comfort, wrist protection	R55969	1	975
Cotton gloves (Pair)	To wear inside the gloves for hygiene	R50972	1	975
Cryo Gloves XL 30cm	For safe contact with deep cold substances	3502321	1	

CPS 6800 - Accessories

CPS Hanger	Hanger in T-form (flexible)	R54746	1	975
Grease Sticks	Set of 2 to lubricate zip	R27494	1	975
Storage box	Blue with flap lid, stackable	T51525	1	975

CPS 6800 - Training Suit (Matrix configured)

CPS 6800 Training Configurator		R29660	1	911
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PERSONAL PROTECTIVE EQUIPMENT

Dräger CPS 6900 Gas-Tight Suit

If you are looking for protection against cryogenic hazardous substances and low concentrations of acids and alkalis then the Dräger CPS 6900 chemical protective suit is the right choice. The new and innovative suit design is both flexible and comfortable.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CPS 6900 - REUSABLE SUIT

CPS 6900 Preconfigured Version & Accessories

The CPS 6900 is a gas tight full encapsulated suit with a 3 layer design incorporating UMEX material. It provides excellent protection against Chlorine & Ammonia and other cryogenic substances and has been tested for short-term exposure of -80°C. If the gloves of the suit are going to be exposed to these low temperatures we recommend cryogenic over-gloves.



Shelf Life - 10 years

Maintenance - Every Year or every 2nd year when stored in the Transportation & Storage Bag that the preconfigured suit comes in

Lead Times - Typically 3 weeks for the preconfigured suits

CPS 6900 - Matrix configured - Suit				
CPS 6900 Configurator		R29410	1	551
CPS 6900 - Preconfigured				
CPS 6900 size L, PVC boots size 9, Butyl gloves size 10	Preconfigured Red suit that comes with CPS storage & transport bag and cotton gloves	R62023	1	551
CPS 6900 size XL, PVC boots size 11 Butyl gloves size 11		R62024	1	551
CPS 6900 - Over & Under Gloves				
Overgloves Tricotril, Size 10 (pair)	High cut protection from Kevlar, high mechanical resistance, good grip	R55968	1	975
Overgloves Tricotril, Size 11 (pair)		R55966	1	975
Overgloves K-Mex Gigant, Size 14 (pair)	High cut protection from Kevlar, high wearing comfort, wrist protection	R55969	1	975
Cotton gloves (Pair)	To wear inside the gloves for hygiene	R50972	1	975
Cryo Gloves XL 30cm	For safe contact with deep cold substances	3502321	1	
CPS 6900 - Accessories				
Outer visor (set of 10)	Scratch protection	R57859	1	975
Storage box	Blue with flap lid, stackable	T51525	1	975
Grease Sticks	Set of 2 to lubricate zip	R27494	1	975
CPS Hanger	Hanger in T-form (flexible)	R54746	1	975
Bell Hanger	Stainless steel bell shaped hanger	R33299	1	975
CPS 6900 - Training Suit (Matrix configured)				
CPS 6900 Training Configurator		R29511	1	551

PERSONAL PROTECTIVE EQUIPMENT

Dräger CPS 7800 Gas-Tight Suit

The reusable gas-tight Dräger CPS 7800 provides excellent protection against gaseous, liquid, aerosol and solid hazardous substances even in explosive areas. Due to its innovative material and the new suit design it offers increased flexibility and comfort when entering confined spaces and working with cryogenic substances.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CPS 7800 - REUSABLE SUIT

CPS 7800

The CPS 7800 is a gas tight suit with a 5 layer design incorporating Dmex material. The breathing apparatus is worn on the outside of the suit. It provides excellent protection against a broad range of substances and can be used in explosive areas.



Shelf Life - 15 years

Maintenance - Every Year or every 2nd year when stored in the transportation & storage bag that the preconfigured suit comes in. Original & sealed suits don't require testing for the first 5 years.

Lead Times - Typically 3 weeks for the preconfigured suits

CPS 7800 - Matrix configured - Suit					
CPS 7800 Configurator			R29650	1	901
CPS 7800 - Preconfigured					
CPS 7800 size L, Nitril-P boots size 9, Laminate / Tricotril gloves size 10	Preconfigured orange suit that comes with face cuff, CPS storage & transport bag and cotton gloves		R59143	1	901
CPS 7800 size XL, Nitril-P boots size 11, Laminate / Tricotril gloves size 11			R59146	1	901
CPS 7800 - Over & Under Gloves					
Overgloves Tricotril, Size 10 (pair)	High cut protection from Kevlar, high mechanical resistance, good grip		R55968	1	975
Overgloves Tricotril, Size 11 (pair)			R55966	1	975
Overgloves K-Mex Gigant, Size 14 (pair)	High cut protection from Kevlar, high wearing comfort, wrist protection		R55969	1	975
Cotton gloves (Pair)	To wear inside the gloves for hygiene		R50972	1	975
Cryo Gloves XL 30cm	For safe contact with deep cold substances		3502321	1	
CPS 7800 - Accessories					
Storage box	Blue with flap lid, stackable		T51525	1	975
Grease Sticks	Set of 2 to lubricate zip		R27494	1	975
CPS Hanger	Hanger in T-form (flexible)		R54746	1	975
Bell Hanger	Stainless steel bell shaped hanger		R33299	1	975
CPS 7800 - Training Suit (Matrix configured)					
CPS 7800	Blue with flap lid, stackable		R29660	1	911

PERSONAL PROTECTIVE EQUIPMENT

Dräger CPS 7900 Gas-Tight Suit

Tailor-made for use under extreme conditions: The gas-tight Dräger CPS 7900 provides excellent protection against industrial chemicals, biological agents, and other toxic substances. Its innovative material qualifies the CPS 7900 equally well for work in explosive areas and for handling cryogenic substances.



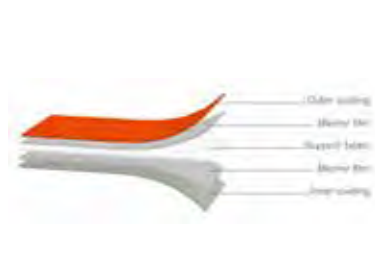
PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CPS 7900 - REUSABLE SUIT

CPS 7900

The CPS 7900 is a gas tight full encapsulated suit with a 5 layer design called Dmex material. It provides excellent protection against a broad range of substances and can be used in explosive areas.



Shelf Life - 15 years

Maintenance - Every Year or every 2nd year when stored in the Transportation & Storage Bag that the suit comes in. Original & sealed suits don't require testing for the first 5 years.

Lead Times - Typically 3 weeks for the preconfigured suits

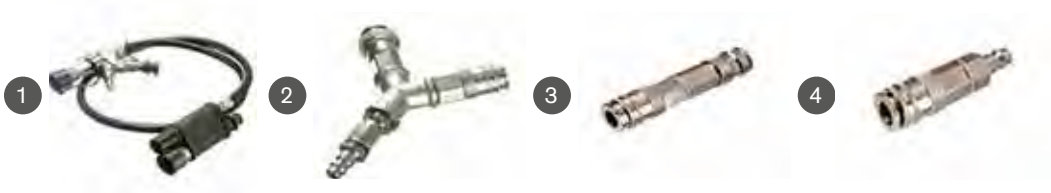
CPS 7900 - Matrix configured - Suit					
CPS 7900 Training Configurator			R29500	1	553
CPS 7900 - Preconfigured					
CPS 7900 size S, boots size 9, Butyl gloves size 10			R58346	1	553
CPS 7900 size M, boots size 9, Butyl gloves size 10			R58347	1	553
CPS 7900 size L, boots size 12, Butyl gloves size 10	Orange, Zipper closes at top, anti-fog visor, pressure gauge holder, height adjustment, 2 grease sticks & CPS Storage and Transportation Bag.		R58348	1	553
CPS 7900 size XL, boots size 12, Butyl gloves size 11	Preconfigured suit, no other options possible		R58349	1	553
CPS 7900 size XXL, boots size 15, Butyl gloves size 11			R58350	1	553
CPS 7900 - Over & Under Gloves					
Overgloves Tricotril, Size 10 (pair)	High cut protection from Kevlar, high mechanical resistance, good grip		R55968	1	975
Overgloves Tricotril, Size 11 (pair)			R55966	1	975
Overgloves K-Mex Gigant, Size 14 (pair)	High cut protection from Kevlar, high wearing comfort, wrist protection		R55969	1	975
Cotton gloves (Pair)	To wear inside the gloves		R50972	1	975
Cryo Gloves XL 30cm	For safe contact with deep cold substances		3502321	1	
CPS 7900 - Accessories					
Outer visor (set of 10)	Scratch protection		R57859	1	975
Storage box	Blue with flap lid, stackable		T51525	1	975
Grease Sticks	Set of 2 to lubricate zip		R27494	1	975
CPS Hanger	Hanger in T-form (flexible)		R54746	1	975
Bell Hanger	Stainless steel bell shaped hanger		R33299	1	975
CPS 7900 - Training Suit (Matrix configured)					
CPS 7900 Training Configurator			R29511	1	551

Draeger Australia & New Zealand | Subject to modifications | www.draeger.com

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Chemical Protective Suit Accessories for Pass-through



1. Automatic switch over valve	ASOV for PSS 7000/5000/3000	3357007	1	528
1. Automatic switch over valve	ASOV for PAD and other PSS	3354568	1	528
2. Y-Piece	Y-Piece	R55507	1	975
3. Male-female-adaptor	To Connect LDV or any male SCBA coupling	R58281	1	975
4. Male-male-adaptor	To connect nay female SCBA coupling	R58358	1	975

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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GLOVES

Tape				
ChemTape	Special chemical resistant tape for attaching gloves & boots. 48mm x 55m	R63069	1	975
Innergloves				
Cotton glove (pair)	To be used inside chemical/gas suits	R50972	1	975



Overgloves				
Tricotril® Overgloves made out of cut protective Para aramid (Kevlar) according to EN 388/374 - category III Color: green, Length: approx. 350 mm. high cut protection, high mechanical resistance, sure grip due to palm profile				
1. Overglove Tricotril	size 10 (pair)	R55968	1	975
1. Overglove Tricotril	size 11 (pair)	R55966	1	975
Rubber ring		R51358	1	595
Overgloves made out of cut protective Para aramid (Kevlar) according to EN 388 - category III Color: yellow, Length: approx. 360 mm. high wearing comfort, wrist protection				
2. Overglove K-MEX GIGANT	size 14 (pair)	R55969	1	975
Overgloves to protect the hands and suit gloves in extreme cold temperatures when working with liquified gases. Color: blue, Length: approx. 500 mm. high durability, special abrasion resistance & great grip				
3. Overglove Cryo-Industrial	size 11 (pair)	R63125	1	975
Replacement Glove Combinations				
These are the various glove combinations that can be supplied to replace damaged gloves. See the next page for a chemical resistance guide				
Glove comb. Barrier+Tricotril				
4. Glove Barrier / Tricotril	size 10 (pair)	R63003	1	975
4. Glove Barrier / Tricotril	size 11 (pair)	R63004	1	975
4. Glove Barrier / Tricotril + Cuff	size 10 (pair)	R63005	1	975
4. Glove Barrier / Tricotril + Cuff	size 11 (pair)	R63006	1	975
FKM/Butyl Gloves				
5. Glove FKM(Viton)/Butyl	size 9 (pair)	R55762	1	975
5. Glove FKM(Viton)/Butyl	size 10 (pair)	R55531	1	975
5. Glove FKM(Viton)/Butyl	size 11 (pair)	R55761	1	975
Butyl Gloves				
5. Glove Butyl	size 9 (pair)	R55538	1	975
5. Glove Butyl	size 10 (pair)	R53531	1	975
5. Glove Butyl	size 11 (pair)	R53560	1	975
FKM Gloves				
5. Glove FKM(Viton)	size 9 (pair)	R55537	1	975
5. Glove FKM(Viton)	size 10 (pair)	R53776	1	975
5. Glove FKM(Viton)	size 11 (pair)	R53554	1	975

PERSONAL PROTECTIVE EQUIPMENT

Glove options & their resistance to chemical permeation according to EN 943-2:2002

	BUTYL glove	FKM (VITON) glove	FKM(VITON)/ BUTYL glove	Barrier/Tricotril Glove
Acetone	6	0	6	6
Acetonitrile	6	1	6	6
Ammonia	6	6	6	6
Carbon disulphide	2	6	6	6
Chlorine	1	6	6	6
Dichloromethane	1	4	4	3
Diethylamine	1	4	3	6
Ethyl acetate	4	1	4	6
Hydrogen chloride	6	6	6	6
Methanol	6	4	6	6
n-heptane	1	6	6	6
Sodium hydroxide 40 %	6	6	6	6
Sulphuric acid 96 %	4	6	6	6
Tetrahydrofurane	1	1	1	6
Toluene	1	6	6	6

Class 0: Immediate	0
Class 1: > 10 minutes	1
Class 2: > 30 minutes	2
Class 3: > 60 minutes	3
Class 4: > 120 minute	4
Class 5: > 240 minutes	5
Class 6: > 480 minutes	6

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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BOOTS

Boots



Safety boots according to EN 20345 S5				
1. Boots PVC (pair)	size 9 / 43	R52653	1	975
1. Boots PVC (pair)	size 9.5 / 44	R55474	1	975
1. Boots PVC (pair)	size 10.5 / 45	R55477	1	975
1. Boots PVC (pair)	size 11.5 / 46	R52656	1	975
1. Boots PVC (pair)	size 13 / 47 / 48	R55413	1	975
Safety boots according to EN 20345 S5 SRA ideal for work in hazardous zones. ESD boots guarantee an extremely low electrical resistance under any conditions in order to prevent a strong, uncontrolled electrostatic discharge.				
1. Boots ESD PVC (pair)	size 6.5 / 40	R62441	1	975
1. Boots ESD PVC (pair)	size 7.5 / 41	R62463	1	975
1. Boots ESD PVC (pair)	size 8 / 42	R62464	1	975
1. Boots ESD PVC (pair)	size 9 / 43	R62465	1	975
1. Boots ESD PVC (pair)	size 9.5 / 44	R62466	1	975
1. Boots ESD PVC (pair)	size 10.5 / 45	R62467	1	975
1. Boots ESD PVC (pair)	size 11.5 / 46	R62468	1	975
1. Boots ESD PVC (pair)	size 12.5 / 47	R62469	1	975
1. Boots ESD PVC (pair)	size 13.5 / 48	R62470	1	975
Specially for fire brigades. Safety boots according to EN 20345 und 15090.				
2. Boots Nitril-P (pair)	size 9 / 43	R56863	1	975
2. Boots Nitril-P (pair)	size 9.5 / 44	R56864	1	975
2. Boots Nitril-P (pair)	size 10.5 / 45	R56865	1	975
2. Boots Nitril-P (pair)	size 11.5 / 46	R56866	1	975
2. Boots Nitril-P (pair)	size 13.5 / 48	R56867	1	975
2. Boots Nitril-P (pair)	size 14 / 49 / 50	R56868	1	975
To slip easily into the boots when wearing a suit with integrated socks. Made of Tyvek®.				
Integrated Sock cover	Put over suit sock	R61018	1	975

PERSONAL PROTECTIVE EQUIPMENT

Boot options & their resistance to chemical permeation according to EN 943-2:2002

	PVC Boots	Nitrile Boots
Acetone		3
Acetonitrile		3*
Ammonia	6	6
Carbon disulphide		3
Caustic Soda 40 %		6
Chlorine	6	6
Dichloromethane		2
Diethylamine		4
Ethyl acetate		4
Hydrogen chloride	6	6
Methanol		3*
n-heptane	4	6
Sulphuric acid 96 %	6	6
Tetrahydrofurane		4
Toluene		4

* Testing according to EN 374-3 carried out by independent certification institutes, stopped when protection class 3 reached

Class 1: > 10 minutes	1
Class 2: > 30 minutes	2
Class 3: > 60 minutes	3
Class 4: > 120 minute	4
Class 5: > 240 minutes	5
Class 6: > 480 minutes	6

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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HELMETS



- Dräger HPS 3500 – multi-Functional and universal safety helmet especially designed for the demands of emergency-teams, In search and rescue missions, for forest and bush firefighting, road accidents, height rescue and any kind of technical support operations in emergency situations
- High-tech materials provide an optimal head protection with very low weight
- Excellent wearing comfort due to comfortable interior design with ventilation system for optimal climate inside the helmet sealable to protect against penetration of water, flying shavings or sparks
- Individual adjustment of the head size by easy to operate adjustment wheel
- Various easy to adapt accessories for different applications available
- Available as set Incl. robust safety goggles with pinlock-technology (goggles accord. To EN 166 and EN 14458) or as version without goggles

e.g. For applications where a visor as face protection is preferred

HPS 3500 Firefighters Helmet				
Set Including safety goggles – available in 8 different PAINTED colours				
Dräger HPS 3500 Set	Red	R62651	1	407
Dräger HPS 3500 Set	White	R62652	1	407
Dräger HPS 3500 Set	Yellow	R62653	1	407
Dräger HPS 3500 Set	Black	R62654	1	407
Dräger HPS 3500 Set	Blue	R62655	1	407
Dräger HPS 3500 Set	luminescent	R62656	1	407
Dräger HPS 3500 Set	Flourescent Yellow	R62657	1	407
Dräger HPS 3500 Set	Flourescent Orange	R62658	1	407
WITHOUT safety goggles – available in 8 different PAINTED colours				
Dräger HPS 3500	Red	R62640	1	407
Dräger HPS 3500	White	R62641	1	407
Dräger HPS 3500	Yellow	R62642	1	407
Dräger HPS 3500	Black	R62643	1	407
Dräger HPS 3500	Blue	R62644	1	407
Dräger HPS 3500	luminescent	R62645	1	407
Dräger HPS 3500	Flourescent Yellow	R62646	1	407
Dräger HPS 3500	Flourescent Orange	R62647	1	407
Helmet in basic design (not painted/mass dyed) as set (with protective goggles)				
Dräger HPS 3500 Set	Red	R62659	1	407
Dräger HPS 3500 Set	White	R62660	1	407
Dräger HPS 3500 Set	Yellow	R62661	1	407
Helmet in basic design (not painted/mass dyed) as set (WITHOUT protective goggles)				
Dräger HPS 3500	Red	R62648	1	407
Dräger HPS 3500	White	R62649	1	407
Dräger HPS 3500	Yellow	R62650	1	407

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Accessories and Spare Parts				
Goggles/Visors				
Safety goggles (WITH SILICONE STRAP) (EN 166/ EN 14458)	(in case of HPS 3500 Sets Included in scope of delivery)	R58424	1	407
PC (Polycarbonate)-Visor, clear (EN 166)	Eye protection to wear with helmet - as alternative to safety goggles	R58432	1	407
Mesh visor (EN 1731) To protect eyes against flying shavings, e.g. when working with wood		R58431	1	407
Electro-Visor (EN 166) To protect eyes against electric arcs when working in electric installations carrying heavy currents		R58433	1	407
Lamp holders / lamps				
Lamp holder for Dräger PX1-Lamps Made of high-temperature-resistant plastic		R58566	1	407
Helmet lamp Dräger PX 1 LED Lamp with ATEX-approval in longlife LED-Technology		R62350	1	406
Reflective stripes				
Self-adhesive, for individual design of helmets Available in 3 different colours:				
Reflective stripes, red		R58426	1	407
Reflective stripes, yellow		R58427	1	407
Reflective stripes, grey-silver		R58428	1	407
Further accessories				
Neck curtain HPS 3500 Nomex Neck curtain in scarf-design, made of Nomex-material		R58434	1	407
Ear muffs (EN 352-3) Hearing protection, easy to adapt to helmet		R58430	1	407
Antifog spray for visors		R56542	1	978
Helmet pouch (for dust protection and transport)		R79282	1	980
Helmet bag, small (for transport and storage)		R58555	1	980

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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With integrated facial protection (clear), equipped with front plate in matt black, without integrated protective goggles, without mask adapter and without option to attach an external lamp. Integrated HPS 7000 helmet lamp can be retrofitted as an option.

HPS 7000 Basic Firefighters Helmets				
Drager HPS 7000 BASIC (pho/mblack)	Photoluminescent, matt black front plate. Polysulfone visor, without reflective strips	R79170	1	400
Drager HPS 7000 BASIC (white/mblack)	White, matt black front plate. Polysulfone visor, without reflective strips	R79171	1	400
Drager HPS 7000 BASIC (red/mblack)	Red, matt black front plate. Polysulfone visor, without reflective strips	R79172	1	400
Drager HPS 7000 BASIC (br yellow/mblack)	Bright yellow, matt black front plate. Polysulfone visor, without reflective strips	R79173	1	400
Drager HPS 7000 BASIC (zi yellow/mblack)	Zinc yellow, matt black front plate. Polysulfone visor, without reflective strips	R79174	1	400
Drager HPS 7000 BASIC (br orange/mblack)	Bright orange, matt black front plate. Polysulfone visor, without reflective strips	R79175	1	400
Drager HPS 7000 BASIC (Signal blue/mblack)	Blue, matt black front plate. Polysulfone visor, without reflective strips	R79176	1	400
Drager HPS 7000 BASIC (black/mblack)	Black, matt black front plate. Polysulfone visor, without reflective strips	R79177	1	400

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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With integrated facial protection (clear) and protective goggles (clear), equipped with front plate in matt black or helmet colour, with mask adapter and option to attach an external lamp or the integrated HPS 7000 helmet lamp. Includes reflective strips on the helmet back

HPS 7000 Pro Firefighters Helmets				
Dräger HPS 7000 PRO (pho/mblack)	Photoluminescent, matt black front plate. Polysulfone visor, protective goggles, with reflective strips, excludes lamps	R79250	1	400
Dräger HPS 7000 PRO (white/mblack)	White, matt black front plate. Polysulfone visor, protective goggles, with reflective strips, excludes lamps	R79251	1	400
Dräger HPS 7000 PRO (red/mblack)	Red, matt black front plate. Polysulfone visor, protective goggles, with reflective strips, excludes lamps	R79252	1	400
Dräger HPS 7000 PRO (br yellow/mblack)	Bright yellow, matt black front plate. Polysulfone visor, protective goggles, with reflective strips, excludes lamps	R79253	1	400
Dräger HPS 7000 PRO (zi yellow/mblack)	Zinc yellow, matt black front plate. Polysulfone visor, protective goggles, with reflective strips, excludes lamps	R79254	1	400
Dräger HPS 7000 PRO (br orange/mblack)	Bright orange, matt black front plate. Polysulfone visor, protective goggles, with reflective strips, excludes lamps	R79255	1	400
Dräger HPS 7000 PRO (Signal blue/mblack)	Blue, matt black front plate. Polysulfone visor, protective goggles, with reflective strips, excludes lamps	R79256	1	400
Dräger HPS 7000 PRO (black/mblack)	Black, matt black front plate. Polysulfone visor, protective goggles, with reflective strips, excludes lamps	R79257	1	400
Dräger HPS 7000 CONFIGURATOR Size H1	Allows helmet to be configured to specific customer requirements. Matrix to be filled out and supplied at time of order	R79571	1	400
Dräger HPS 7000 CONFIGURATOR Size H2	Allows helmet to be configured to specific customer requirements. Matrix to be filled out and supplied at time of order	R79572	1	400

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER HPS® SAFEGUARD FIRE AND RESCUE HELMET

The Dräger HPS® SafeGuard is the extremely lightweight universal helmet for fire and rescue services. Its innovative design combines optimal protection with the highest levels of wearing comfort. Its sporty look, light weight and tailor-made accessories make the helmet a real all-rounder for any challenge.

Dräger HPS® SafeGuard Basic				
Dräger HPS® SafeGuard EN unpainted, matt black		3701620	1	426
Dräger HPS® SafeGuard EN luminescent		3701621	1	426
Dräger HPS® SafeGuard EN red		3701622	1	426
Dräger HPS® SafeGuard EN fluorescent yellow		3701623	1	426
Dräger HPS® SafeGuard EN white		3701624	1	426
Dräger HPS® SafeGuard Extend				
Dräger HPS® SafeGuard EN with Basic harness without cheek padding in size M, with crown straps without comfort pad, with clear AS/AF face guard, interior design with Basic padding, with Basic function plates, without neck protector, without reflective strips				
Dräger HPS® SafeGuard Extend EN luminescent		3701625	1	426
Dräger HPS® SafeGuard Extend EN red		3701625	1	426
Dräger HPS® SafeGuard Extend EN fluorescent yellow		3701627	1	426
Dräger HPS® SafeGuard EN (configurator)		3701504	1	426

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
HPS Accessories / Spare parts				
Neck protectors				
HPS® SafeGuard Nomex neck guard, short		3701707	1	406
HPS® SafeGuard Nomex / aluminised neck guard		3701708	1	406
HPS® SafeGuard Nomex holland Dutch type		3701709	1	406
Lighting solutions and adapters				
Dräger HPS® flashlight (helmet crest integrated)		R79013	1	406
Dräger PX1 helmet lamp		R62350	1	406
Dräger PX1 SHORTY helmet lamp		3701450	1	406
Dräger PX2 helmet lamp		R62352	1	406
Lamp holder for PX1 series lamps		R79129	1	406
PARASNAP® Basic lamp holder, helmet base unit		37015479	1	406
PARASNAP® lamp holder, PX1 series		R62355	1	406
PARASNAP® lamp holder, PX2 series		R62357	1	406
Lamp holder for Adaro helmet lamps		R79493	1	406
Dräger HPS® Buddylight Incl helmet adapter		AH00457	1	406
HPS® Buddylight helmet adapter		AH00456	1	406

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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COMMUNICATION SYSTEMS - HELMET COMMUNICATION



Clear and reliable hands free communication. The headsets in the HC-series can be integrated with Dräger control units into various systems, improving safety and work efficiency. The devices can be used under respiratory equipment as they are equipped with highly reliable and voice-sensitive microphones.

The HC-headsets can be adapted to most types of helmets with the unique fastening strap. It is possible to mount the unit without any tools and the unique fastening strap is included. Further optional adapters are available.

HC-1 COM



One speaker for all helmets with bone conductive microphone
 Speaker: One
 Compatibility: Dräger Com-Control 400/440 500/550
 Connector: Quick release plug (4 pole)
 ATEX approved*:

HC-1 COM*	coiled cable and long microphone arm	R35059	1	404
HC-1 COM*	straight flash-over proof cable and long microphone arm	R60904	1	404
HC-1 COM	coiled cable and short microphone arm	R35040	1	404
HC-1 COM	coiled cable and long microphone arm	R60910	1	404

HC-2 COM



Two speakers for all helmets with bone conductive microphone
 Speaker: Two
 Compatibility: Dräger Com-Control 400/440 500/550
 Connector: Quick release plug (4 pole)
 ATEX approved*:

HC-2 COM*	coiled cable	R35061	1	404
HC-2 COM*	straight flash-over proof cable	R60909	1	404
HC-2 COM	coiled cable	R35041	1	404

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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HC-E COM



One speaker for helmets with electronic microphone
 Speaker: One
 Compatibility: Dräger Com-Control 400/440 500/550
 Connector: Quick release plug (4 pole)
 ATEX approved*:

HC-E COM*	coiled cable	R35062	1	404
HC-E COM	coiled cable	R35042	1	404
HC-E COM	straight flash-over proof cable	R60911	1	404

Optional Brackets for adaptation to helmets

Order one Base Part (for HPS 6200 you have the choice if left or right) and one adapter ring:

Base part for adaptation to helmet HPS 7000 right and left		R79278		406
Base part for adaptation to helmet HPS 6200 right		R56825		406
Base part for adaptation to helmet HPS 6200 left		R56826		406
Adapter ring for communication sets Dräger COM		R56828		406
HC-1 fastening strap long		R60927		404
HC-1 fastening strap short		R60934		404
HC-1 adapter for the Gallet-helmet		R60928		404

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Dräger HPS-COM Communication unit



The Dräger HPS®-COM is a robust, easy-to-install communication unit for HPS® 7000 firefighting helmets.

Thanks to the latest technology, it delivers excellent audio performance. You can choose between two different base units and four microphone options, suitable for a wide range of application scenarios.

The unit itself is designed to be low maintenance. No batteries are needed thanks to passive electronics. Removing the unit is fast and simple



1. HPS-COM with Boom Mic		3703820	1	410
HPS-COM Short Mic		3703821	1	410
HPS-COM Skull Mic		3703822	1	410
2. HPS-COM with Throat Mic		3703823	1	410
3. HPS-COM dual with Skull-/Boom Mic		3703830	1	410
HPS-COM dual: Skull-/Short Mic		3703831	1	410
Spares and Accessories				
Boom Mic spares set		3703825		410
Short Mic spares set		3703826		410
Skull Mic spares set		R35149		490
Throat Mic spares set		R35148		490
Metal clip spares set, 5 pieces		3703835	5	410
Spare set of adapters	For HPS 7000, H2	3703836	10	410
Spare set of wind shields Boom Mic		3703836	10	410
Spare set of wind shields Short Mic		3703837	5	410
Spare set of hook and loop fastener	For Skull Mic	3703832		410
HPS-COM plug protection		R80042		406

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP	
Accessories and Spare Parts					
	Neck curtain Alu/Nomex HPS 7000	R79145	1	406	
	Neck curtain Nomex short HPS 7000	R79146	1	406	
	Neck protection Nomex, neck curtain, three-layer	R79147	1	406	
	HPS 7000 helmet lamp LED, integrated	R79013	1	406	
For HPS 7000 and HPS 7000 PRO, to attach the integrated LED helmet lamp, order separately:					
	E-kit front plate for HPS 7000 helmet lamp"	R79226	1	406	
	Helmet lamp Dräger PX 1 LED (120 Lumen)	R62350	1	406	
	Reflective strips, service grade	R79006	1	406	
	Adapter for Communication systems (Savox)	R56828	1	406	
	Helmet cover (for protection of helmet during hot fire training)	For protection of helmet during hot fire training	R79279	1	406
	Helmet bag (for transport and storage of up to two helmets)	For transport and storage of up to two helmets	R58555	1	980
	Helmet bag (simple cloth bag)	Simple cloth bag	R79282	1	980
	Cap lamp bracket	3503719	1	406	
	Name label for HPS 7000	3503520	1	406	

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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OUR THERMAL IMAGING CAMERAS AT A GLANCE

	 Dräger UCF® FireVista	 Dräger UCF® 8000	 Dräger UCF® 9000
Functions			
Resolution	320 x 240 pixels	384 x 288 pixels	384 x 288 pixels
Zoom	no	2x	2x or 4x
Modes	no	3	8
Video and photo function	no	yes	yes
Intrinsic safety	no	ATEX, zone 1	ATEX, zone 1
Application scenarios			
Structural Firefighting (e.g. location of victims, navigation in zero visibility)	excellent	good	good
360° Size up (e.g. localising fire sources, overheated machines)	Yes	very good	excellent
Overhaul (e.g. hotspots)	good	very good	excellent
Technical rescue (e.g. fill levels, leakages of hazardous materials)	Yes	very good	excellent
Outdoor search for people	good	very good	excellent

DRÄGER UCF® FIRE VISTA



Small, light, robust and can be operated with just one button: The compact thermal imaging camera Dräger UCF® FireVista provides excellent picture quality even under the most difficult operating conditions.

The camera is ready for immediate use and provides the best possible support on firefighting deployments. Outstanding quality – especially in the price.

Dräger UCF® FireVista	Included as standard 1 charging cradle, 1 power supply unit, vehicle charging cable, lanyard and instructions for use.	3719350	1	405
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PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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THERMAL IMAGING CAMERA

Dräger UCF.



Easy to use with one hand only. See more and make better decisions with optimal display options provided by the Dräger UCF thermal imaging cameras. The UCF 8000 and 9000 are intrinsically safe (ATEX zone 1) and offers the maximum level of safety and reliability in potentially explosive atmospheres.

Included in scope of delivery (model dependant):

- Integrated laser-pointer and "snapshot"-function,
- 2x-zoom, 4x-zoom, additional application modes ("application switch"),
- Thermal scan-function, video- and sound recording,
- Lithium-ion battery, battery charger, pc-software-cd,
- usb-cable, attachable "crawling plate"

UCF 8000/UCF 9000				
Camera Kits				
Dräger UCF 8000, 50 Hz-Version		8327042	1	401
Dräger UCF 9000, 50 Hz-Version		8327043	1	401
Accessories & Spare Parts				
Transport case	Robust plastic-case, padded inside	8321099	1	980
Neck strap	For carrying during operation	8323031	1	402
Neck strap (Quick Release)	Features dual quick release buckles	3502314	1	402
Retractable lanyard	For fixation on the Breathing Apparatus	8323032	1	402
Hand support loop	To hold the camera - as alternative to integrated camera handle	8323033	1	402
Lithium-Ion battery (with Ex-protection)	For operation of camera for up to 4 hours	8323075	1	402
Charger	For charging of Li-Ion batteries	8321247	1	402
Power supply (240V)	For desktop to battery charger	8316994	1	981
Truck charging kit	Consists of bracket and 12 -30 V-connection cable	8321110	1	401
Suck Tripod solution	e.g. to mount on truck roofs	8323070	1	
Tripod	For positioning of camera	8321254	1	
Universal clamp	e.g. to clamp on ladders	8321259	1	
12 V-Adapter	For operations with tripod	on request	1	
12 V-power supply	For operations with tripod	8316994	1	981
Battery removal tool		8323056	1	402
USB Cable 2.0		8321098	1	402

Dräger PARAT® 1260 Filtering Escape Device

Designed with simplicity in mind, the Dräger PARAT® 1260 is an extra small mouthpiece / nose clip filtering escape device equipped with a multi-gas ABEK filter that offers you 10 minutes of protection against a variety of toxic industrial gases and vapours. The device and filter are vacuum sealed in an aluminum barrier bag, making it better suited for diverse climate zones.

Small size

Makes it easy to carry along using the integrated belt clip, the carrying bag or even simply in a pocket.

Robust case

Suitable for daily use in rough work environments.

Aluminum barrier bag

Mouthpiece and filter are vacuum sealed in a robust barrier bag for additional safety.

Transparent case

Visual inspection of device, expiry date, and donning instructions, information remains protected against rubbing off.



Anti-tamper seal
Gives a clear indication if the device has been opened or if it is ready for use.

Mouthpiece with nose clip
Extremely low leakage, easy to don, and well suited for bearded wearers.

Nose clip
Can be used with one hand for easy donning in extreme situations.

Overall lifetime
6 years maintenance-free.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PARAT FILTER ESCAPE DEVICES

PARAT 1260				
Dräger PARAT 1260	Mouthpiece and filter are vacuum sealed in a barrier bag for additional safety	3702150	1	
Dräger PARAT 1200 Carrying bag		3703736	1	
Dräger PARAT 1200 Training unit		3709691	1	

TECHNICAL DATA

Filter performance	ABEK10 gas filter for protection against organic and anorganic gases and vapours, approved in accordance with DIN 58647-7
Duration of use	At least 10 minutes
Shelf life	6 years maintenance-free (1260)
Weight	220g (1260)
Dimensions (height x width x depth)	115 x 95 x 70 mm
Approval	Approved in accordance with DIN 58647-7 (CE mark 0158)

Filter capacity according to DIN 58647-7*				
Type	Test gas	Concentration in ppm	Breakthrough in ppm	Minimum breakthrough time in min
A	Cyclohexane (C ₆ H ₁₂)	2,500	10	10
B	Chlorine (Cl ₂)	2,500	0.5	10
B	Hydrogen sulphide (H ₂ S)	2,500	10	10
B	Hydrogen cyanide (HCN)	2,500	10	10
E	Sulphur dioxide (SO ₂)	2,500	5.0	10
K	Ammonia (NH ₃)	2,500	25	10
B	Hydrogen sulphide (H ₂ S)	10,000**	20	3

* Test conditions according to DIN58647-7: 30 l/min, 70 % relative humidity, 20 °C.

** To determine the breakthrough capacity of the gas filter it is additionally tested with 10,000 ppm hydrogen sulphide.

PERSONAL PROTECTIVE EQUIPMENT

Dräger PARAT® 3160 Filtering Escape Device

Dräger PARAT® 3160 half mask escape device with a multi-gas ABEK15 filter is approved to the recognized standard for industrial escape devices (DIN 58647-7). It provides a minimum of 15 minutes escape time. Compared to PARAT® 3100, the half mask and filter are vacuum-sealed in an aluminum barrier bag, making it better suited for tropical climate zones.



PERSONAL PROTECTIVE EQUIPMENT

Dräger PARAT® 3260 Filtering Escape Device

Dräger PARAT® 3260 mouthpiece / nose-clip escape device with a multi-gas ABEK15 filter is approved to the standard for industrial escape devices (DIN 58647-7). It provides a minimum of 15 minutes escape time. Compared to PARAT® 3200, the device and filter are vacuum-sealed in an aluminum barrier bag, making it better suited for tropical climate zones.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PARAT FILTER ESCAPE DEVICES

PARAT 3160 & 3260

The Parat 3160 is a filtering escape half mask and Parat 3260 is a filtering escape mouthpiece and nose-clip that protects users against toxic industrial gases, vapours and particles. These are ideal for users who want the lowest profile filtering escape devices. Tested according to EN & DIN standards to a minimum of 15 minutes of protection against gases that are filtered by an ABEK P3 filter. 12 Year service life with 1 filter change required after 6 years. Single use only and then half mask / mouthpiece & noseclip must be replaced.



1. Dräger PARAT® 1260		3702150	1 / box	932
2. Dräger PARAT® 1200 Carrying bag		3703736	1 / box	932
Dräger PARAT® 1200 Training unit		3709691	1 / box	932
3. PARAT 3160	Half mask & filter contained in a sealed foil bag in a belt worn case	3704477	1 / box	932
4. PARAT 3260	Mouthpiece/nose-clip & filter contained in a sealed foil bag in a belt worn case	3704479	1 / box	932
5. PARAT 3160 Training Unit		3704881	1 / box	932
	Training unit with dummy filter. Can be hygienically changed.			
6. PARAT 3260 Training Unit		3704884	1 / box	932
7. Filter dummy PARAT 3000	Replacement dummy filter for training unit	R58345	1 / box	
PARAT 3160 replacement filter kit	Includes filter, half mask & security tags	R62626	1 / box	932
PARAT 3260 replacement filter kit	Includes filter, mouthpiece/noseclip & security tags	R62627	1 / box	932
PARAT 3160 and 3260 Sealing Strap	Spare if existing strap is damaged	R56319	5 / box	597
PARAT 3160 and 3260 security tags	Required to seal the Parat after replacing the filter. Box Includes 50 tags	R56355	1 / box	597

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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TECHNICAL DATA

Filter performance	ABEK10 gas filter for protection against organic and anorganic gases and vapours, approved in accordance with DIN 58647-7
Duration of use	At least 10 minutes
Shelf life	6 years maintenance-free
Weight	220 g
Dimensions (height x width x depth)	115 x 95 x 70 mm
Approval	Approved in accordance with DIN 58647-7 (CE mark 0158)

Filter capacity according to DIN 58647-7*

Type	Test gas	Concentration in ppm	Breakthrough in ppm	Minimum breakthrough time in min
A	Cyclohexane (C ₆ H ₁₂)	2,500	10	10
B	Chlorine (Cl ₂)	2,500	0.5	10
B	Hydrogen sulphide(H ₂ S)	2,500	10	10
B	Hydrogen cyanide(HCN)	2,500	10	10
E	Sulphur dioxide (SO ₂)	2,500	5.0	10
K	Ammonia (NH ₃)	2,500	25	10
B	Hydrogen sulphide (H ₂ S)	10,000**	20	3

* Test conditions according to DIN58647-7: 30 l/min, 70 % relative humidity, 20 °C.

** To determine the breakthrough capacity of the gas filter it is additionally tested with 10,000 ppm hydrogen sulphide.

PERSONAL PROTECTIVE EQUIPMENT

Dräger PARAT[®] 4700 Filtering Escape Hoods



The Dräger PARAT[®] 4700 industrial escape hood was developed with users, placing the focus on the fastest possible escape. Optimized operation and wearing comfort, a robust housing and a tested **ABEK P3 filter** ensure protection from toxic industrial gases, vapours and particles for at least 15 minutes.



PERSONAL PROTECTIVE EQUIPMENT

Dräger PARAT® 5500 Filtering Escape Hoods



The Dräger PARAT® 5500 fire escape hood was developed in cooperation with users – always with the focus on offering the fastest possible escape. Optimized operation and wearing comfort, a robust housing and a tested CO P2 filter ensure protection from toxic fire-related gases, vapours and particles for at least 15 minutes while escaping.



*Exception PARAT 5550

PERSONAL PROTECTIVE EQUIPMENT

Dräger PARAT® 7500 Filtering Escape Hoods



The combined fire and industrial escape hood Dräger PARAT® 7500 was developed with users, placing the focus on the fastest possible escape. Optimized operation and wearing comfort, a robust housing and a tested ABEK CO P3 filter ensure protection from toxic industrial and fire-related gases, vapours and particles for at least 15 minutes.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PARAT FILTER ESCAPE DEVICES

PARAT 4700

The Parat 4700 series is a filtering escape hood that protects users against toxic industrial gases, vapours and particles. Tested according to EN & DIN standards to a minimum of 15 minutes of protection. 16 Year service life with 1 filter change required after 8 years. Single use only and then hood must be replaced.



1. PARAT 4720	Soft Pack. IP5	R59421	1 / box	932
2. PARAT 4730	Hard Case. IP54	R59431	1 / box	932
PARAT 4720 and 4730 Replacement Filter Kit	ABEK P3 filter, replacement filter and security seal	R59471	1 / box	932
PARAT 4500 Spare Parts Kit	ABEK P3 Replacement filter and exhalation valve for PARAT 4500	R57978	1 / box	932

PARAT 5500

The Parat 5500 series is a filtering escape hood that protects users from smoke and other toxic gases and particles resulting from a fire. Tested according to EN & DIN standards to a minimum of 15 minutes of protection. 16 Year service life with 1 filter change required after 8 years. Single use only and then hood must be replaced.

3. PARAT 5510	Single carton pack	R59415	1 / box	932
4. PARAT 5520	Soft Pack. IP5	R59425	1 / box	932
5. PARAT 5530	Hard Case. IP54	R59435	1 / box	932
PARAT 5510 Replacement Filter Kit	CO P3 replacement filter and label	R59474	1 / box	932
PARAT 5520 and 5530 Replacement Filter Kit	CO P3 replacement filter and security seal	R59475	1 / box	932
PARAT C Spare Replacement Filter Kit	CO P3 replacement filter and exhalation valve	R57302	1 / box	932

PARAT 7500

The Parat 7500 series combines the Parat 4700 & 5500 series into a single filtering escape hood to protect users from both smoke and many chemicals found on industrial sites. Tested according to EN & DIN standards to a minimum of 15 minutes of protection. 16 Year service life with 1 filter change required after 8 years. Single use only and then hood must be replaced.

4. PARAT 7520	Soft Case	R59427	1 / box	932
5. PARAT 7530	Hard Case	R59437	1 / box	932
PARAT 7500 Replacement Filter Kit	ABEK CO P3 replacement filter and security seal	R59477	1 / box	932

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PARAT FILTER ESCAPE DEVICES

PARAT 4,5,7000 Training Hoods



1. PARAT 4,5,7000 Training Hood	Soft Pack. IP5	R59420	1 / box	932
2. PARAT 4,5,7000 Training Hood	Hard Case. IP54	R59430	1 / box	932
3. PARAT 4,5,7000 Training Hood	Single Pack Box	R59410	1 / box	932

PARAT 4,5,7000 Training Hood Spare Parts

PARAT Training Hood Filter Plugs	20x Filter Plug Straps	R59482	1 / box	932
PARAT Training Hood Security Seals	10x White Security Seals	R59484	1 / box	932
PARAT Training Hood Filters	1x Replacement Filter	R59479	1 / box	

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PARAT FILTER ESCAPE DEVICES

PARAT 4,5, 7000 Carrying & Mounting Accessories



1. PARAT Waist Belt - Textile	Robust and comfortable	6733934	1 / box	515
2. PARAT Waist Belt - Plastic	Easy to clean	R53026	1 / box	932
3. PARAT Shoulder Strap	Perfect for short-term and recurring operations, fast to don and remove	R59461	1 / box	932
4. Carry Bag for Parat 5510	Red bag with shoulder harness for carrying / storing 2 PARAT 5510 Single Packs	R51907	1 / box	
5. PARAT Grip Clip	Slips over belt & D-Ring	R59456	1 / box	932
6. PARAT Grip Clip	Crocodile attachment & D-Ring	R59455	1 / box	932
7. PARAT Adaptor Plate (Soft Pack)	Adaptor plate is needed to use the belt or grip clip with the soft pack	R58742	1 / box	932
8. PARAT D Ring	For use with a Carabiner	R59457	1 / box	932
9. PARAT Wall Holder (Hard Case)	Wall holder bracket for hard case only	R59451	1 / box	932

PERSONAL PROTECTIVE EQUIPMENT

Dräger PARAT® 5550 Escape hoods

The Dräger PARAT® 5550 is a fire escape hood packaged in a flame retardant holster. It was specifically developed for fire rescue teams for use in victim rescue. The main advantage: The PARAT® 5550 is system approved together with Dräger breathing apparatus according to EN 137:2006, Type 2.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PARAT FILTER ESCAPE DEVICES

PARAT 5550

The Parat 5550 is a unique variant of the Parat 5500 which is designed for fire services to rescue people at risk of smoke inhalation. Tested according to EN & DIN standards to a minimum of 15 minutes of protection. 16 Year service life with 1 filter change required after 8 years.



1. PARAT 5550	Fire retardant soft pack	R59445	1 / box	932
2. Accessory Pocket, large	optional attachable pocket to carry additional accessories like loops, can be mounted on the front of the holster	R59491	1 / box	
3. Accessory Pocket, small	optional attachable pocket to carry additional accessories like wedges, can be mounted on either side of the holster	R59492	1 / box	
4. Replacement Soft Pack	Flame retardant soft pack excluding fire escape hood and accessory pockets	R59490	1 / box	
Spare Part Kit, Breakable Loops	If the emergency release is activated by breaking the yellow loop, it can be replaced with this set containing a yellow breakable loop attached on a velcro belt holder	R59493	10 / box	
5. Shoulder Harness	Flame retardant shoulder strap especially for use with the PARAT 5550 Holster	R59462	1 / box	
6. Refill Pack	Fire escape hood enclosed in a perforated foil pouch	R59476	1 / box	932
7. Carabiner Hook 65x6,5 mm	Can be used to attach the holster on a back-plate of the BA set	R55573	10 / box	975

Dräger Saver CF Compressed Air Escape

The Dräger Saver CF constant flow Emergency Escape Breathing Apparatus allows safe, effective and uncomplicated escape from hazardous environments. Simple to put on and featuring practically automatic operation, this hood-based, positive-pressure breathing device can be used with minimal training.



PERSONAL PROTECTIVE EQUIPMENT

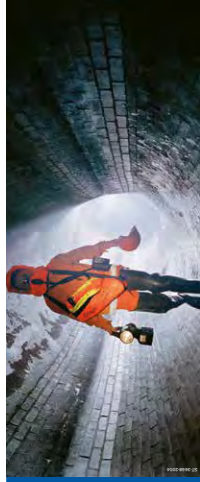
Dräger Saver PP Compressed Air Escape

The Saver PP positive pressure Emergency Escape Breathing Apparatus allows safe, effective and uncomplicated escape from hazardous environments, even if H₂S is present. Simple to put on and featuring automatic operation, this positive-pressure breathing device features an integrated full-face mask and can be used in conjunction with other safety equipment such as ear protectors or helmets.



PERSONAL PROTECTIVE EQUIPMENT

02



Dräger SAVER Series

- Independent of ambient air
- Escape duration 15 minutes or less

Saver PP (positive pressure) with face mask

Approvals

- EN 402
- SOLAS / MED

Features

- High protection factor
- Use with hard hat
- Only for trained personnel

Saver CF (constant flow) with hood

Approvals

- EN 1146:2005
- SOLAS / MED
- ISO 23269-1:2008
- ISO 23269-3 / 4:2013

Features

- Simple and easy to use
- Minimal training
- Use with beard & glasses

Non-ATEX applications		For use in explosive atmospheres (ATEX)	
10 Minutes	15 Minutes	10 Minutes	15 Minutes
<p>Saver CF10 Soft pack 3359724</p>	<p>Saver CF15 Soft pack 3359735</p>	<p>Saver CF10 HC Hard case 3359739</p>	<p>Saver CF15 HC Hard case 3359740</p>
<p>Saver PP10 Soft pack 3359746</p>	<p>Saver PP15 Soft pack 3359747</p>	<p>Saver PP10 A Soft pack / Antistatic 3359748</p>	<p>Saver PP15 A Soft pack / Antistatic 3359749</p>
<p>Saver PP10 A Soft pack / Secondary airline supply 3359754</p>	<p>Saver PP15 A Soft pack / Secondary airline supply 3359755</p>	<p>Saver PP10 A HC Hard case / Secondary airline supply 3359756</p>	<p>Saver PP15 A HC Hard case / Secondary airline supply 3359757</p>
<p>Saver CF15 SE Soft pack / Cylindrical options for lighter weight 3360789</p>	<p>Saver CF15 SE HC Hard case / Special design for use in corrosive environments 3359744</p>		<p>Saver PP15 A HC Hard case / Secondary airline supply 3359760</p>

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PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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COMPRESSED AIR ESCAPE SETS

Saver CF Escape Sets

The Saver CF is a compressed air emergency escape device (EEBD) that is used to provide safe air for escape. The CF, which is the hooded version, is the most common option due to the ease of donning in an emergency. The SE version of hood is intended for engine rooms of ships where ozone can cause the standard elastic neck seal to perish.

Maintenance - Although Dräger recommend an annual function check, there is no mandatory maintenance required apart from the 5 year cylinder hydrotest and the 10 year pressure reducer overhaul.



Configurator Option

Saver CF 10 Escape	Variable as per configurator	R45003	1	529
Saver CF 15 Escape		R45002	1	529

Soft Bag Constant Flow Variants - Hood

1. Saver CF 10 Escape Set	10 minute aluminium cylinder	3363824	1	529
2. Saver CF 10 Escape Set AS	10 minute aluminium cylinder + antistatic bag	3364313	1	529
3. Saver CF 15 Escape Set	15 minute steel cylinder	3363826	1	529
3. Saver CF 15 Escape Set SE	15 minute steel cylinder + ozone resistant hood	3363820	1	529
3. Saver CF 15 Escape Set CC	15 minute carbon composite cylinder	3360789	1	
4. Saver CF 15 Escape Set AS	15 minute steel cylinder + antistatic bag	3364314	1	529
4. Saver CF 15 Escape Set AS SE	15 minute steel cylinder + antistatic bag + ozone resistant hood	3364315	1	529

Hard Case Constant Flow Variants - Hood

5. Saver CF 10 Escape Set HC	10 minute aluminium cylinder	R45003	1	529
5. Saver CF 15 Escape Set HC	15 minute steel cylinder	R45002	1	529
5. Saver CF 15 Escape Set HC SE	15 minute steel cylinder + ozone resistant hood	R45002	1	529

HC - Hard Case

AS - Antistatic

AC - Airline Connection

SE - Appropriate for harsh marine environments

CC - Carbon Composite

H2S - Hydrogen Sulphide Resistant

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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COMPRESSED AIR ESCAPE SETS

Saver Escape Sets

The Saver PP is a compressed air emergency escape device (EEBD) that is used to provide safe air for escape. The PP is comes with a full face mask and lung demand valve.

Maintenance - Although Dräger recommend an annual function check, there is no mandatory maintenance required apart from the 5 year cylinder hydrotest and the 10 year pressure reducer overhaul.



Configurator Option

Saver PP10 Escape Set	Variable as per configurator	R45005	1
Saver PP15 Escape Set 0 AS		R45004	1

Soft Bag Positive Pressure Variants - Mask

1. Saver PP10	10 minute aluminium cylinder	3363823	1	529
2. Saver PP10 AS	10 minute aluminium cylinder + antistatic bag	3364791	1	529
Saver PP10 AC	10 minute aluminium cylinder + airline connection	3364789	1	529
3. Saver PP10 AS AC	10 minute aluminium cylinder + antistatic bag + airline connection	3364790	1	529
4. Saver PP15	15 minute steel cylinder	3363825	1	529
Saver PP15 AS	15 minute steel cylinder + antistatic bag	3363821	1	529
Saver PP15 AC	15 minute steel + airline connection	3364311	1	529
Saver PP15 AS AC	15 minute steel cylinder + antistatic bag + airline connection	3364310	1	529
Saver PP15 AS H2S	15 minute steel cylinder + antistatic bag + H2S Resistant	3366859	1	529
Saver PP15 CC AS H2S	15 minute carbon composite cylinder + antistatic bag + H2S resistant	3366858	1	529
5. Saver PP15 CC AS H2S AC	15 minute carbon composite cylinder + antistatic bag + H2S resistant + airline connection	3366854	1	529

Hard Case Positive Pressure Variants - Mask

Saver PP10 HC	10 minute aluminium cylinder	R45005	1
Saver PP10 HC AC	10 minute aluminium cylinder + airline connection	R45005	1
Saver PP15 HC	15 minute steel cylinder	R45004	1
Saver PP15 HC AC	15 minute steel cylinder + airline connection	R45004	1

HC - Hard Case SE - Appropriate for harsh marine environments

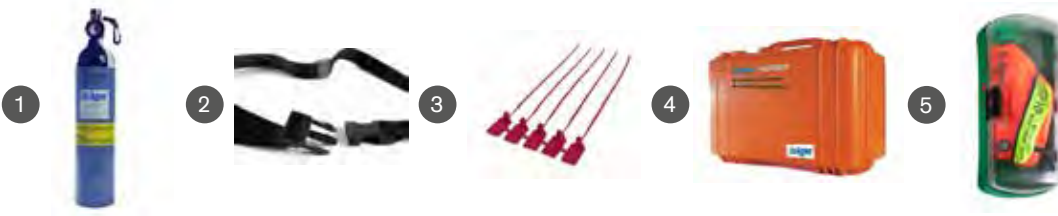
AS - Antistatic CC - Carbon Composite

AC - Airline Connection H2S - Hydrogen Sulphide Resistant

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PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Accessories				
1. Cylinder for Saver CF 10	Aluminium 2L, 200 bar	3350255	1	520
1. Cylinder for Saver CF 15	Steel 3L, 200 bar	3350256	1	520
1. Cylinder for Saver CF 15	Carbon composite 3L, 200 bar	3361587	1	
2. Saver waistbelt		3350396	1	529
3. Anti-tamper seal		3350388	5	592
Wall bracket (for hard case versions)		3360516	1	529
4. EEBD Carry Case		3350424	1	529
Wall mounting kit for EEBD carry case		3350431	1	529
5. Wall Mount Storage Cabinet		3351823	1	529
Saver CF spare hood.		3350450	1	529

Dräger Oxy® 3000/6000 MK III Oxygen Self Rescuer

The oxygen self-rescuers Dräger Oxy® 3000 and 6000 MK III are easy and fast to handle under extreme conditions. They provide breathing protection according to the highest standards since decades, made in Germany. The unique safety eye provides you the ability to check the device without additional tools. Service free for up to 10 years while being worn.



PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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OXYGEN SELF RESCUERS - OXY 3000 MKIII

Oxy 3000 MKIII

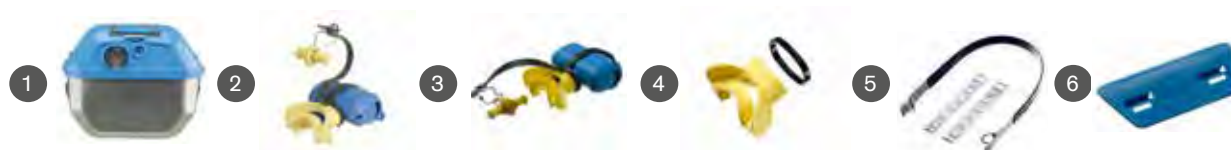


- Mouthpiece with nose clip
- Goggles Included
- MDG 3609 Certified
- Potassium super oxide (KO₂) cartridge
- Integrated Starter Candle (Sodium Chlorate) Adjustable head harness
- Weight : 2.5kg (excluding accessories) Or 1.7kg (when in use)
- Up to 10 year service life (maximum 20,800 hour mobile life)
- No service & maintenance required!
- Dimensions : 219 x 190 x 109 mm
- Air supply of 30 minutes (at 35 L/min) or 60 minutes (at 10L/min)



1. Oxy 3000 MKIII	No bumper, no support ring	3707090	1	515
2. Oxy 3000 MKIII hip worn	No bumper, with support ring & belt loops	3707405	1	515
3. Oxy 3000 MKIII hip worn	With bumper, with support ring & belt loops	3707406	1	515
4. Oxy 3000 MKIII shoulder worn	Shoulder strap, no bumper	3707407	1	515
5. Oxy 3000 MKIII shoulder worn	Shoulder strap, with bumper	3707408	1	515
6. Oxy 3000 MKIII hand worn	Hand strap, No bumper	3707399	1	515
Oxy 3000 MKIII hand worn	Hand strap, with bumper	3707400	1	515

Training



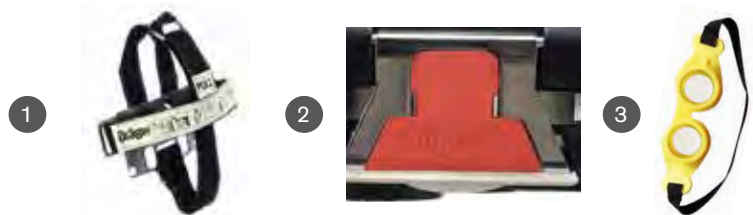
1. Oxy 3000 MKIII Trainer	Training device	3707930	1	515
2. Practice Simulator	Heated training simulator. Single use	6307145	1	515
3. Heat exchanger mouthpiece unit	Simulates the breathing resistance of Oxy. The heat exchanger can be attached to the training unit to practice donning	6307117	1	515
4. Trainer Mouthpiece	Spare mouthpiece for trainer. Wash and reuse for training	3709382	1	515
4. Tightening strap complete	Spare tightening strap for trainer	3709390	1	515
5. Anti-tamper seal	For Mark II and Mark III models. Pack of 5	3710549	1	597
Pictogram - 10 pack	Inspection pictogram	3709388	10	597

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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OXYGEN SELF RESCUERS - OXY 3000 MKIII

Accessories



1. Wall Mount Bracket	For vehicles or walls	6305420	1	515
2. Anti-tamper Seal	Spare part	3710549	10	597
3. Goggles		6303670	1	515

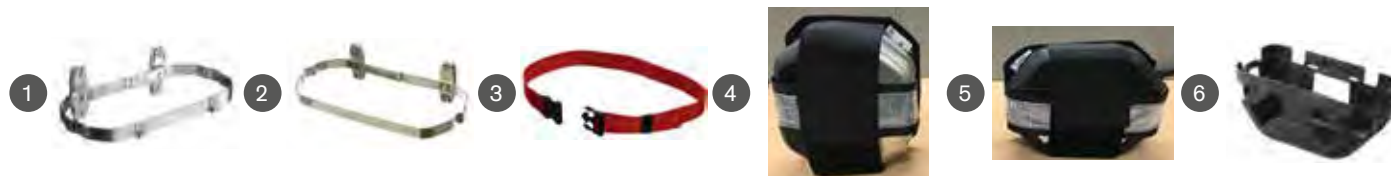
Shoulder/Hand Carrying Accessories



3. Support ring for shoulder	With connection for bumper	3707395	1	515
4. Support ring for shoulder	Without connection for bumper	3707396	1	515
5. Shoulder Strap	Support ring required!	6305415	1	515
6. Hand Strap	Support ring required!	6305419	1	597
7. Bumper	Abrasion protection	6305427	1	597

OXYGEN SELF RESCUERS - OXY 3000 MKIII

Belt Carrying Accessories



1. Support ring for hip	With connection for bumper	3707397	1	
2. Support ring for hip	Without connection for bumper	3707398	1	
3. Hip Belt	Support ring required!	6733934	1	515
4. Carry Pouch Vertical	Oxy sits lid facing sideways on your belt	3503024	1	515
5. Carry Pouch Horizontal	Oxy sits lid facing upwards on your belt	3503023	1	515
6. Bumper	Abrasion protection	6305427	1	597

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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OXYGEN SELF RESCUERS - OXY 6000 MKIII

Oxy 6000 MKII



- Mouthpiece with nose clip
- Goggles Included
- MDG 3609 Certified
- Potassium super oxide (KO₂) cartridge
- Integrated Starter Candle (Sodium Chlorate)
- Weight : 3.3kg (excluding accessories) Or 2.4kg (when in use)
- Up to 10 year service life (maximum 20,800 hour mobile life)
- No service & maintenance required!
- Dimensions : 246 x 213 x 125 mm
- Air supply of 60 minutes (at 35 L/min) or 180 minutes (at 10L/min)



1. Oxy 6000 MKIII	No bumper, no support ring	3707005	1	515
2. Oxy 6000 MKIII hip worn	No bumper, with support ring & belt loops	3707101	1	515
3. Oxy 6000 MKIII hip worn	With bumper, with support ring & belt loops	3707102	1	515
4. Oxy 6000 MKIII shoulder worn	Shoulder strap, no bumper	3707103	1	515
5. Oxy 6000 MKIII shoulder worn	Shoulder strap, with bumper	3707104	1	515
6. Oxy 6000 MKIII hand worn	Hand strap, No bumper	3707105	1	515
Oxy 6000 MKIII hand worn	Hand strap, with bumper	3707106	1	515

Training



1. Oxy 6000 MKIII Trainer	Training device	3707940	1	515
2. Practice Simulator	Heated training simulator. Single use	6307145	1	515
3. Heat exchanger mouthpiece unit	Simulates the breathing resistance of Oxy. The heat exchanger can be attached to the training unit to practice donning	6307117	1	515
4. Trainer Mouthpiece	Spare mouthpiece for trainer. Wash and reuse for training	3709382	1	515
4. Tightening strap complete	Spare tightening strap for trainer	3709390	1	515
5. Anti-tamper seal	For Mark II and Mark III models. Pack of 5	3710549	1	597
Pictogram - 10 pack	Inspection pictogram	3709388	10	597

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PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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OXYGEN SELF RESCUERS - OXY 6000 MKII

Accessories



1. Wall Mount Bracket	For vehicles or walls	6305420	1	515
2. Anti-tamper Seal	Spare part	6305373	10	597

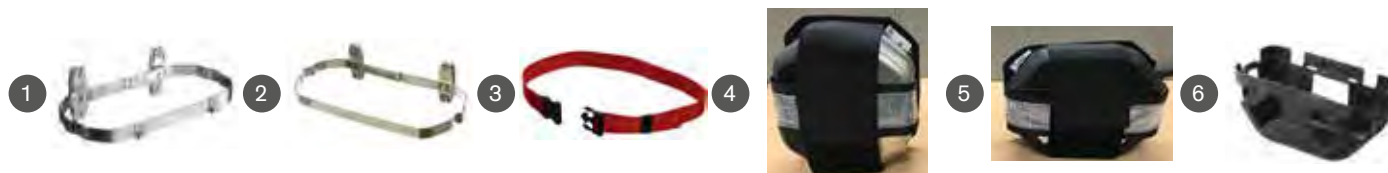
Shoulder/Hand Carrying Accessories



3. Support ring for shoulder	With connection for bumper	6306062	1	597
4. Support ring for shoulder	Without connection for bumper	6306182	1	597
5. Shoulder Strap	Support ring required!	6305415	1	597
6. Hand Strap	Support ring required!	6305419	1	597
7. Bumper	Abrasion protection	6306386	1	597

OXYGEN SELF RESCUERS - OXY 6000 MKII

Belt Carrying Accessories



1. Support ring for hip	With connection for bumper	6305009	1	597
2. Support ring for hip	Without connection for bumper	6306189	1	597
3. Hip Belt	Support ring required!	6733934	1	515
4. Carry Pouch Vertical	Oxy sits lid facing sideways on your belt	3503409	1	055
5. Carry Pouch Horizontal	Oxy sits lid facing upwards on your belt	3503408	1	055
6. Bumper	Abrasion protection	6306386	1	597

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PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CLOSED CIRCUIT BREATHING APPARATUS



- Approvals: EN 145, NIOSH/MSHA (USA) Approval No.: TC-13F-341 9/01/1995
- WORKCOVER AUTHORITY (Monitron SCBA Warning Module) Approval No. : Ex ia I4071 Issued: 14/11/1994
- Bodyguard II Explosive atmosphere approval Certificate No. IECEx TSA 0418 (issued 01/11/2004)
- NSW Dept of Mineral Resources, Mine Safety Unit Test Report, No. 94/1016 (16/08/94) with and without springs,
- According to Aus. Standards AS1716-1994 + BS 4667-1974, ec Ex - Bodyguard II, AUS Coal Mines

PSS BG4 Plus				
PSS BG4 Plus, coal mines approved, complete	<ul style="list-style-type: none"> • Refillable cartridge • O2 cylinder : 2 litre/200 Bar steel • Carry & storage Bag • Operator's Instructions • Less Facemask 	3540920	1	511
PSS BG4 Plus, coal mines approved, complete with CFK O2 cyl.	<ul style="list-style-type: none"> • Refillable cartridge • O2 cylinder : 2 litre/200 Bar Carbon Fibre • Carry & storage Bag • Operator's Instructions • Less Facemask 	3500255	1	511
PSS BG4 Plus, coal mines approved	excludes mask, cylinder, carry bag and soda lime cartridge	R34612	1	511
Replacement Bodyguard II, coal mines approved		R34496	1	971
PSS BG 4 - Face Masks & Accessories				
Panorama Nova RP silicone	With wiper w/o neck strap	R53316	1	422
Panorama Nova RP EPDM	With wiper w/o neck strap	R53306	1	422
FPS 7000 RP EPDM S1 Small mask	With wiper and anti scratch visor, without neck strap	R57675	1	422
FPS 7000 RP EPDM M2 Medium mask	With wiper and anti scratch visor, without neck strap	R56326	1	422
FPS 7000 RP EPDM L3 Large mask	With wiper and anti scratch visor, without neck strap	R57676	1	422
FPS 7000 RP Silicone M2	With wiper and anti scratch visor, without neck strap	R56672	1	422
FPS 7000 RP TR EPDM M2	With wiper and anti scratch visor, without neck strap	R56670	1	422
FPS 7000 RP TR Silicone M2	With hydration connection, wiper, anti scratch visor, without neck strap	R56673	1	422
Drinking reservoir	1.5L Hydro Link System	R57990	1	428
PSS BG 4 - Face Masks & Accessories				
FPS-COM 5000 without mask:	MATRIX REQUIRED	R62700	1	429
FPS-COM 5000 with RP mask	MATRIX REQUIRED	R62703	1	429

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Available in either a gel, liquid or spray form, Dräger's ANTI-MIST agent for mask visors.

Anti - Mist				
ANTI-MIST fluid - 50 ml bottle	For NON coated visors	R52550	1	978
ANTI-MIST gel bottle 50 ml bottle	For NON coated visors	R52560	1	978
Klar-pilot comfort ANTI MIST spray	For coated visors Marked PCas or PCaf	R56542	1	978
Filter pads	200/pkg.	R35754	1	510
Filter pads	50/pkg.	3599942	1	510
DragerSorb 400	18kg	6737985	1	912
DragerSorb 400	8kg	6737965	1	912
DragerSorb 400	4.5kg	6738950	1	912
Factory packed CO2 cartridge	Single use only	R34360	1	912
Factory packed CO2 cartridge	Single use only	R34360	52 min order qty	912
Sodalime Cartridge Fill Station		R33752	1	510
Ice mould		R33999	1	510
Cooling Cartridge for PSS BG4 Plus	Cooling insert for standard cooler box	R34746	1	510
O2 cylinder, Carbon Fibre (Includes valve) for AU only	2 litre/200Bar	R35218	1	510
O2 cylinder, steel (Includes valve)	2 litre/200Bar	3543022	1	510
O2 cylinder, steel (bare, no valve)	2 litre/200Bar	3543203	1	520
Cap Lamp Battery Pouch Corduro	To fit on BG4 waist belt	3559183	1	
Oxyboks K Pouch	To fit on BG4 waist belt	3559182	1	515
BG4 carry Bag		3549089	1	511
Spectacle frame kit	For Panorama Nova mask only	R51548	1	428
Spectacle frame kit	For FPS 7000 mask only	R56230	1	428
Case for Protection goggles		6733935	1	515

PERSONAL PROTECTIVE EQUIPMENT

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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RZ 7000 test device

- Built in lithium battery 24 hr power supply
- 'CLICK" connect adaption to BG4 for extra security
- 'Built in hand pump
- Clear digital display
- Five position selector switch

Leak tests at positive & negative pressure (from -10mbar to + 10mbar) / Leak tests of exhalation valves Checking the response pressure of minimum valve and pressure reducer flow rate.

BG4 - Test Equipment				
RZ 7000		R62500	1	546
Adapter RZ 7000	Allows connection of test kit components to RZ 7000	R62599	1	547
USB cable For RZ 7000		8318469	1	356
Vehicle charging cable for RZ 7000		8320252	1	981
RZ 7000 table mounting bracket		R62561	1	547
Accessories				
Test kit for PSS BG4		R33777	1	510
Adapter for Mask	Front port, plug in Nova RP/P/PE	R53345	1	547
Adapter plug for BG4		R50028	1	547
Test Gauge for O2 cylinders	For checking BG4 cylinder pressure	R22882	1	591
Test Gauge for O2 cylinders	For BGII comparison check at service	R34284	1	971
Bodyguard II, coal mines approved	Replacement for damaged bodyguard units	R34496	1	971
Test head for testing all face masks	For connecting to RZ 7000 Complete with connection hose Base plate and bench clamp	R62581	1	547

DRUG & ALCOHOL DETECTION

DRUG DETECTION

DrugCheck 3000	220
DrugTest 5000	221

BREATH ALCOHOL DETECTION

Alcotest 4000	222
Alcotest 5000	223
Alcotest 6000	223
Alcotest 6820	224
Alcotest 7000 (new)	225
Alcotest 7510	226
Mobile Printer for Alcotest 6820, 7510 & DrugTest 5000	227
Alcotest 9510	228
Interlock 7000	229
Interlock XT (Refurbished)	230
Calibration Equipment & Accessories	230

DRUG AND ALCOHOL DETECTION

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRUGCHECK 3000



Use the Dräger DrugCheck® 3000 to find out within minutes if a person is under the influence of drugs. The compact and quick oral-fluid based system returns reliable results in a quick and easy manner. The device does not require electricity hence offers great mobility and versatility.

The Dräger DrugCheck® 3000 detects the following substances:

- Cocaine (COC)
- Opiates (OPI)
- Cannabis (THC)
- Amphetamine (AMP)
- Methamphetamine (MAMP)
- Benzodiazepines (BEN) 6-panel DrugCheck only

DrugCheck® 3000 5-panel	Box of 20 tests	8325580	20	369
DrugCheck® 3000 6-panel	Box of 20 tests	8327960	20	369



DRUG AND ALCOHOL DETECTION

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRUGTEST 5000



The Dräger DrugTest® 5000 analyser system is a fast and accurate means of testing for drugs of abuse in oral fluid samples. Battery operated, it provides an objective and precise screening test result. Its multi-colour display makes it user friendly and allows for data entry and management. Used by Australian Police Forces for roadside testing.

DrugTest 5000 Analyser		8327900	1	357
DrugTest 5000 Accessories				
Transport Case	Hard Shell Case	8325333	1	980
Carry Bag	Soft bag	8322675	1	980
Keyboard	Mini Keyboard, external, PS/2	3530800	1	351
USB-Cable	1.5m, for data transfer from DrugTest 5000 to PC	3500912	1	357
Mobile Printer	Printout of test data from the analyser	8319310	1	356
Printer Paper Roll - thermal	5 rolls	8319002	5	356
12V Car Charger		8312166	1	356
Spare Mains Charger		8315675	1	981
DrugTest 5000 Consumables				
	DrugTest 5000 Test Kit (20 per box) 6 Panel: THC, MET, AMP, COC, OPI, BZO	8319965	20	369
	DrugTest 5000 Test Kit (20 per box) 5 Panel: THC, MET, AMP, COC, OPI	8321280	20	369
	DCD 5000 Neat Oral-Fluid Collection Device. Second sample can be collected and sent to a laboratory for confirmatory analysis.	8319910	20	357
Isopropanol Vials (pack 20)	To transport DCD 5000 2nd sample	3501675	20	369
Biohazard Bags	To transport 2nd sample	3501070	50	357
Anti-Tamper Seal (roll 108 feet)	To seal Biohazard Bags	3501071	1	357

DRUG AND ALCOHOL DETECTION

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
DrugTest 5000 Accessories				
	DrugTest 5000 Training Kit Dummy Test Kit for training and presentation purposes, box of 6 Includes 3x negative (yellow) and 3x positive (red) cassettes. DCD 5000	8323640	6	357
	SSK 5000 Requires DrugTest 5000 Analyser and Test Kit 8319830. The Surface Screening Kit 5000 can be used to screen for drug contamination and recognition on surfaces.	8320490	20	357

ALCOTEST® 4000 PERSONAL BREATHALYSER - NOT FOR WORKPLACE TESTING

**Supersedes Alcotest® 3820**

The Dräger Alcotest® 4000 is a personal breathalyser offering responsible drivers a reliable way to test their breath alcohol. This is ensured by precise measurement technology identical to that used by the police: over 30 million breath alcohol tests a year.

12-monthly calibration interval, AS3547:2019 certified

Dräger Alcotest® 4000	Consisting of measuring device Alcotest® 4000, Microfiber bag (black), 3 mouthpieces, short instructions for use and battery.	3706951	1	
Mouthpieces for Alcotest® 4000	(5 pieces) each individually packed	8325250	1	356
Spare Lithium Battery (CR123A)	(one battery needed)	4543808	1	981
Microfiber bag 4000		8324994	1	980
Alcotest® 4000 demo unit	Dummy, non-functional	3706322	1	

DRUG AND ALCOHOL DETECTION

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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ALCOTEST® 5000 PASSIVE ALCOHOL SCREENER

The Dräger Alcotest® 5000 is a qualitative, non-contact device for e.g. police and workplace applications. It is based on the high efficient electrochemical Dräger sensor technology, which measures the presence of alcohol in the exhaled air in seconds. The test persons blow into the funnel on top of the device while keeping a short distance - without contact to the device. The Dräger Alcotest® 5000 is designed to test high number of persons in a very short time, only producing a qualitative test result. 24-monthly calibration period.

Dräger Alcotest® 5000	Includes instrument, 3x AA alkaline batteries, 3x funnels, hand loop and a microfibre bag	8327701	1	355
Funnel for Alcotest® 5000	10 pieces, individually packed	8327718	1	955
Protective Bag for Alcotest® 5000		3703688	1	955

ALCOTEST® 6000 - ENTRY LEVEL PROFESSIONAL BREATHALYSER**Supersedes Alcotest® 5820**

The Dräger Alcotest® 6000 is our entry-level professional breathalyser. Ideally suited for workplace testing, it allows users to perform a breath alcohol test with speed and accuracy. The measuring technology of this small and user-friendly portable measuring device has already proven itself over 200,000 times worldwide.

12-monthly calibration interval, AS3547:2019 certified

Dräger Alcotest® 6000	Consisting of measuring device Alcotest® 6000, 3 mouthpieces, hand loop, safety instructions and battery	3706961	1	
Dräger Alcotest® 6000	Same as above but with black plastic transport case	3505716	1	
Spare Lithium Battery (CR123A)	(one battery needed)	4543808	1	981
Storage bag S	L195 x W134 x H55	3714803	1	
Protection bag for Alcotest® 6000		8324999	1	980
Transport Case	Black plastic	8317920	1	980
Micro USB Cable	For data communication	8327108	1	980
Diagnostics Software	For data communication	8317915	1	980

DRUG AND ALCOHOL DETECTION

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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ALCOTEST® 6820 - ADVANCED PROFESSIONAL BREATHALYSER

The Dräger Alcotest® 6820 is an advanced professional breathalyser. It offers the same sensor technology and features as the Dräger Alcotest® 5820 and includes data logging of 5,000 breath tests, fast start-up and recovery between tests, interface to the Dräger Mobile Printer, and the option to recharge NiMH batteries inside the instrument. AS-3547:1997 approved with a 6-monthly calibration period.

Dräger Alcotest® 6820	Includes 3 mouthpieces, 2xAA batteries, wrist strap and packaged in a hard plastic carry case.	8322660	1	355
Alcotest® 6820 Mobile Printer Kit Alkaline	Includes A6820, Mobile Printer, large hard case, 30x mouthpieces and spare roll of printer paper	3502943	1	355
Alcotest® 6820 Mobile Printer Kit NiMH rechargeable	Includes A6820, Mobile Printer, large hard case, 15x mouthpieces, spare roll of printer paper, 6x NiMH batteries and battery charger	3502944	1	355
Alcotest® 6820 Accessories				
NiMH rechargeable battery - AA size	2 batteries are required for each device	1890092	1	981
Battery Charger	for charging NiMH batteries inside the device	8316991	1	981
PC Software Diagnostics Customer	Windows XP/7 software for data download (requires cable 8319715)	8317915	1	356
PC Communication cable (USB) (6820 only)	Required for Diagnostics PC software	8319715	1	356
Wall mount test station		3503912	1	355
Pouch, yellow		8327812	1	980

DRUG AND ALCOHOL DETECTION

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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ALCOTEST® 7000 - PREMIUM PROFESSIONAL BREATHALYSER

Supersedes Draeger Alcotest® 6820

The Draeger Alcotest® 7000 sets new standards among alcohol screening equipment. Its advantages are the colour display, high capacity lithium battery which is USB re-chargeable, large datalogger, low maintenance requirements and various networking possibilities. 12-monthly calibration interval, AS3547:2019 certified

Draeger Alcotest® 7000	Consisting of measuring device Alcotest® 7000 with Bluetooth, lithium version, 3 mouthpieces, hand loop, USB-C cable, instruction for use (en, de), calibration certificate, no NFC, no GPS.	3700400	1	355
Draeger Alcotest® 7000	Same as above but with black plastic transport case	3505715	1	355
Alcotest® 7000 Accessories				
Passive Test Funnel	2 batteries are required for each device	1890092	1	981
Draeger Mobile Printer BT	(Bluetooth)	3700421	1	981
Printer paper	For Mobile Printer BT, 5 rolls, 10yr	3700406	1	981
Spare Battery	For Mobile Printer BT, Li-Ion	3701106	1	981
Spare USB-C Cable	For PC communication and charging	3700418	1	981
Power adapter	To connect USB cable 3700418 to mains power plug	3701090	1	981
Charging cradle	For lithium version	3700420	1	981
Storage bag S	For Alcotest, mouthpieces and funnels	3714803	1	981
Storage bag M	For Alcotest, mouthpieces, funnels, printer	3714802	1	981
Protection & carrying bag	Yellow holster made from cordura with belt loop	3714804	1	981
Alcotest 7000 transport case		3714779	1	981
Mouthpieces for Alcotest® 3000, 5510, 5820, 6000, 6510, 6810, 6820, 7000 and 7510				
		3590188	1	356
Mouthpieces	Slide'n'click with spit trap, individually packaged	6810690	100	955
		6810825	250	955
		6810830	1000	955
		8322621	1	955
Passive Test Funnel	For Alcotest 5820, 6820 and 6000	8322621	1	955

DRUG AND ALCOHOL DETECTION

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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ALCOTEST® 7510 - HIGH-END PROFESSIONAL BREATHALYSER

The Dräger Alcotest® 7510 is a compact and robust handheld breath alcohol measuring instrument, specially designed for the most advanced applications. With the capability of detecting residual mouth alcohol, a large graphic display makes this device ideal for advanced law enforcement and workplace testing applications. AS-3547:1997 approval with a 12-monthly calibration period. Approved as an evidential breath analyser outside of Australia.

Dräger Alcotest® 7510	Includes 3 mouthpieces, 4xAA batteries, wrist strap and packaged in a hard plastic carry case.	8319760	1	362
Alcotest® 7510 System Kit (NiMH)	A7510, Mobile Printer, Keyboard, NiMH batteries and charger, software and mouthpieces, packaged in a hard plastic carry case.	3501442	1	355
Alcotest® 7510 Accessories				
Mouthpieces (Minimum order 10 single pieces)	Slide'n'click with spit trap, individually packaged	3590188	1	356
		6810690	100	955
		6810825	250	955
		6810830	1000	955
NiMH rechargeable battery - AA size	4 batteries are required for each device	1890092	1	981
Battery Charger	For charging NiMH batteries inside the device	8316991	1	981
12V Car Charger	For charging NiMH batteries inside the device	8320252	1	981
USB Cable for data downloads		8318657		981
Diagnostics Software for data downloads		8317915		356
Holster Set	Protective "in-use" pouch for device	8319761	1	362
Desktop Charging Cradle	Requires battery charger (sold separately)	8319762	1	981
Infrared (IR) Module	To enable data download to PC	8319763	1	356
IR Module and Holster Set		8319764	1	356
Holster Mobile Upgrade		8319765	1	
System Transport Case	Space for A7510, Mobile Printer, mouthpieces, batteries, paper rolls, charging cable, USB cable, keyboard.	8320251	1	980

DRUG AND ALCOHOL DETECTION

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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MOBILE PRINTER FOR ALCOTEST® 6820, ALCOTEST® 7510 AND DRUGTEST 5000

Used for printing test data from the Draeger Alcotest® 6820 handheld breath alcohol instrument. Optical data transmission is used to send the test data from the instrument to the printer (no communication cable is required). The thermal printing technology is fast and quiet and requires no ribbon replacement. Powered by 4x AA Alkaline batteries or optional NiMH rechargeable batteries.

Mobile Printer		8319310	1	356
Mobile Printer Accessories				
Printer Paper Roll - thermal		8319002	5	356
NiMH rechargeable battery - AA size	4 batteries are required	1890092	1	981
Battery charger	For charging NiMH batteries inside the printer	8316991	1	981

DRUG AND ALCOHOL DETECTION

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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ALCOTEST® 9510 EVIDENTIAL BREATH ANALYSER



Ergonomically designed, the Dräger Alcotest® 9510 is the latest in evidential breath alcohol analysis using a dual sensor measurement system based on infrared optical and electrochemical sensor technologies. The high resolution colour touch screen offers intuitive operation and a guided data input with complete text messages and the internal printer delivers the analysis printout. Meets the requirements of breath analysis for police and industrial purposes. NMI R 126:2000 approved. Price Includes initial verification of \$1200 (ex. GST) by VIC Police. Required for pattern approval: NMI R 126.

Dräger Alcotest® 9510	Industrial version : NMI R 126 compliant	on request	1	351
Alcotest® 9510 Accessories				
Mouthpieces	With wide inlet, spit trap and non-reverse valve	6805703	25	955
	With wide inlet, spit trap and non-reverse valve	6810611	100	955
	With wide inlet, spit trap and non-reverse valve	6810610	250	955
Mains Power Cable	AC	3589022	1	
Printer Paper Roll - thermal		8319002	5	356
Stylus		8318402	3	395
External Keyboard (mini-USB)		8319441	1	356
12 VDC Power Cable		8312641	1	981
Carry Bag		8319155	1	980
Transport Case		8325335	1	980
Cable Channel		8318489	1	351
Mounting Bracket		8318428	1	356

DRUG AND ALCOHOL DETECTION

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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INTERLOCK® 7000 - BREATH ALCOHOL IGNITION INTERLOCK DEVICE

The Dräger Interlock® 7000 is an alcohol ignition interlock device which prevents a person under the influence of alcohol from starting the vehicle. The Dräger Interlock® 7000 is our premium product and used for drink driving offender programs as well as for preventative applications.

The design is appealing and ergonomic and the navigation on the colour display makes the use of the device easy and intuitive. The Dräger Interlock® 7000 is reliable and has an extremely quick start-up time, low power consumption, an approved temperature range of -45 °C to 85 °C, the capability of mouth alcohol detection, a data storage of 500,000 events, special encryption methods and can be equipped with a camera. The device can be fitted to all makes and models of vehicles such as cars, motorbikes, heavy vehicles, trucks, buses, forklifts and alike. Approved to all international standards such as AS-3547, EN 50436-1:2014, EN 50436-2:2014 and NHTSA.

Interlock® 7000	Includes handset, control box, curly cord, cable set and 3 mouthpieces	3710259	1	354
Interlock® 7000 Accessories				
Mouthpieces	Individually packaged	8326550	5	955
	Individually packaged	8327627	50	955
	Individually packaged	8322597	300	955
Camera	For identification of driver	8322413	1	354
Handset Protector	Outer edge rubber bumper for the protection of handset	8322458	1	354
Handset Screen Protector Foil	Protects screen from scratches and fingerprints	8322457	1	354
Handset Holder (sliding)	For secure placement in the vehicle	8322610	1	354
Handset Holder (clip)	For secure placement in the vehicle	8322497	1	354
Bypass Switch	For emergency situations	8323620	1	354

DRUG AND ALCOHOL DETECTION

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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INTERLOCK® XT (REFURBISHED) - BREATH ALCOHOL IGNITION INTERLOCK DEVICE

The Dräger Interlock® XT is an alcohol ignition interlock device which prevents a person under the influence of alcohol from starting the vehicle. The Dräger Interlock® XT is used for drink driving offender programs as well as for preventative applications. The Dräger Interlock® XT is reliable and has a quick warm-up time, an approved temperature range of -45 °C to 85 °C and a data storage of more than 30,000 events. The device can be fitted to all makes and models of vehicles such as cars, motorbikes, heavy vehicles, trucks, buses, forklifts and alike. Approved to AS-3547, EN 50436-1: 2005, EN 50436-2: 2007 and NHTSA.

Interlock® XT (refurbished)	Includes handset, control box, curly cord, cable set and 5 mouthpieces	3503002	1	354
Interlock® XT Accessories				
Mouthpieces	Individually packaged	6810478	5	955
	Individually packaged	6811325	300	955
Handset Holder	For secure placement in the vehicle	8317499	1	354
Bypass Switch	For emergency situations	8323620	1	354

CALIBRATION EQUIPMENT & ACCESSORIES

For use with Alcotest® 9510, Alcotest® 7110 MKV, Alcotest® 7510, Alcotest® 5510/6820 & Interlock® 7000/XT.

Ethanol Solution and Dry Gas				
Ethanol solution 0.050% BAC - certified	500ml, simulator solution for wet bath calibrations	3502035	1	356
Ethanol solution 0.100% BAC - certified	500ml, simulator solution for wet bath calibrations	3502034	1	356
Ethanol dry gas bottle (small)	34L, 260ppm Ethanol (0.100% BAC)	3502567	1	354
Ethanol dry gas bottle (large)	103L, 260ppm Ethanol (0.100% BAC)	3502566	1	354
Ethanol dry gas bottle	105L, 130ppm Ethanol (0.050% BAC)	3505714	1	354
Blank dry gas bottle	103L, 100% N2 (0.000% BAC)	3532017	1	354
Calibration Accessories				
Pressure regulator and control valve	Used with ethanol dry gas bottles	6810693	1	954

MASKS & FILTERS

GUIDES

Applications	232
Masks & filters selection	235
Filter types	236
Filter efficiency	238
Particle size	237
Filter usage, lifetimes & storage	239
Mask & filters range guide	240

DISPOSABLE PARTICULATE RESPIRATORS

X-plore 1300	241
X-plore 1700	243
X-plore 1700+	245
X-plore 1900	247

REUSABLE PARTICULATE RESPIRATORS

X-plore 2100 half mask	249
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TWIN FILTER (BAYONET) MASKS & FILTERS

Half Masks

X-plore 3000 series twin filter masks	254
X-plore 3300 series twin filter masks kits	255
X-plore 3500 series twin filter masks kits	256

Full Masks

X-plore 5000 series twin filter masks	258
X-plore 5500 series twin filter masks kits	259
Cartridge selection and filter guide	261
Bayonet particle filters	262
Bayonet gas & particle filters	263
Bayonet combination & prefilters	264

SINGLE FILTER (RD40) MASKS & FILTERS

Half Masks

X-plore 4700	265
--------------	-----

Full Masks

X-plore 6000 full face mask selection guide	270
X-plore 6000 full mask series	271
X-plore 6000 full mask series material characteristics	272
FPS 7000 full mask series	273
FPS 7000 full mask communication systems	276

Filters

Particle & gas filters	278
Combination gas & particle filters	279

SINGLE FILTER (RD90) MASKS & FILTERS

Half Masks

X-plore 4790	281
--------------	-----

Filters

Particle & gas filters	283
Combination gas & particle filters	283

MASK CLEANING & ACCESSORIES

X-plore 2100, 3000, 4700 series	284
X-plore 5000 series	285
X-plore 5500 series	286
X-plore 6000 & FPS 7000 series	287

POWERED AIR PURIFYING RESPIRATOR (PAPR)

X-plore 8000 overview	291
X-plore 8500 kits	292
X-plore 8700 kits	294
X-plore 8000 filters	295
X-plore 8000 series components	296
X-plore 8000 carrying accessories	297
X-plore 8000 hoods & accessories	300
X-plore 8000 helmets & accessories	302
X-plore 8000 welding helmet	304
X-plore 8000 face masks	305

FIT TESTING



Qualitative fit testing - Bitrex	306
PortaCount fit test adaptor	307
PortaCount accessories	308

MASKS & FILTERS

The following table shows various application fields and the suitable mask-filter-combination recommended.

Here you can find a detailed list of examples of applications.

HM = half mask, FFP = filtering face piece (disposable)



Business Field Task Application		Containment	Mask type*	Filter*	
General 	Handling	of chemical substances	particles and potentially identified substances	HM / FM	ABEK Hg P3 (1)
	Sampling		particles or/and potentially identified substances	HM	P3 / ABEK Hg P2 / P3 (1)
	Inspection		particles and potentially identified substances	HM	ABEK P2 / P3
	Measurement		particles or/and potentially identified substances	HM	P2 / P3 / ABEK P2 / P3 (1)
	Mixing	of epoxy resins and polyester resins	organic vapors	HM	A1
	Spraying/lubricating	of coolant mist	oil particles	HM / FFP2	P2
	Treatment	with preservatives	different	HM	ABEK P2
	Transport	of dangerous goods	various	FM	ABEK2 Hg P3
	Cleaning	high pressure steam blasting	soap sud mist containing adhesions	HM / FFP1	P1
	Cleaning	degreasing	grease particles	HM / FFP2	P2
	Cleaning	disinfecting	organic vapors	HM	A1 P2
	Cleaning	disinfecting with agents containing aldehydes	organic and inorganic vapors	HM	AB P2
	Cleaning	handling of petroleum ether or diluent for cellulose lacquers(solvent based)	solvent vapors	HM	A2
	Cleaning	with acids	acids	HM	ABE P2
Construction 	Casting, die casting	of concrete, cement (foundations)	concrete dust	HM / FFP2	P2
	Asbestos removal	asbestos	asbestos fibers	FM	P3
	Grinding, cutting, drilling	on brickwork, concrete, stone and plaster	stone powder	HM / FFP2	P2 (2)
	Grinding, cutting, drilling	of cement	dust particles	HM / FFP1	P1
	Grinding, cutting, drilling	of knifing filler of filling material	dust particles	HM / FFP1	P1 (3)
	Paving	tar	organic vapors, particles	HM	A1 P2 / A2 P2 (4)
	Finishing	processing of glass fiber and mineral fiber, e.g. roof insulation	dust particles and fibers	HM / FFP2	P2
	Finishing	plastering	fine plaster dust	HM / FFP2	P2
	Finishing	sealing	organic vapors	HM	A1 P2 / ABE1 P2
	Finishing	clinkering (glue)	organic vapors	HM	A1 P2 (5)
	Finishing	roofing, tiling	tile and brick dust	HM / FFP2	P2
	Preparation	excavation of contaminated soil	gases, solvents, dust particles	HM	ABE1 P2
	Preparation	general demolition of brickwork, concrete, stone	dust particles	HM / FFP2	P2

MASKS & FILTERS

The following table shows various application fields and the suitable mask-filter-combination recommended.

Here you can find a detailed list of examples of applications.

HM = half mask, FFP = filtering face piece


Business Field Task Application		Containment	Mask type*	Filter*	
Metal working 	Electroplating	possibly hydrocyanic acid	HM	AB P2	
	Soldering		smoke particles	HM / FFP2	P2
	Soldering	additionally with soldering paste	smoke particles, gases, possibly ammonia	HM	ABEK P2
	Grinding, cutting, drilling	of rust	rust powder, metallic powder	HM / FFP1/2	P1 / P2
	Grinding, cutting, drilling	of metals	metallic powder	HM / FFP2	P2 / P3
	Grinding, cutting, drilling	of iron	metallic powder	HM / FFP1	P1
	Grinding, cutting, drilling	of steel	metallic powder	HM / FFP1/2	P1 / P2
	Grinding, cutting, drilling	of stainless steel (high alloy)	metallic powder	HM / FFP1/2	P2 / P3
	Cutting	with laser beam	metallic powder	HM / FM	P2 / P3
	Welding	of aluminium	aluminium oxide smoke, ozone	HM	P2 / P3 / A P2 / P3 (4)
	Welding	of motor vehicles	metallic smoke, ozone, Nox	HM	AB P2
	Welding	manual arc welding using covered rod electrodes or laser beam welding	metallic powder, smoke	HM	P2 / P3
	Welding / rivetting	of construction steel and zinc	metallic powder, welding smoke	HM / FFP2	P2 / ABE1 P2 (4)
	Welding / rivetting	of stainless steel (Thorium electrode)	metallic powder, metallic oxide smoke	FM	P3 / ABE1 P3 (4)
	Grinding, cutting, drilling	of paint, lacquers and anticorrosion paint	fine paint particles	HM / FFP2	P2
	Grinding, cutting, drilling	of paint, lacquers and anticorrosion paint (containing chromium)	fine paint particles	FM	P3
Paintwork 	Grinding, cutting, drilling	of anti-fouling lacquers	fine paint particles	HM	A1 P2 / P3
	Spraying, varnishing	with water soluble paint	fine paint mist	HM	A1 P2
	Spraying, varnishing	with water soluble wood preservatives containing copper, chromium or arsenic	fine paint mist	FM	P3
	Spraying, varnishing	with solvent based paint, synthetic lacquer and bleaching agents	solvent vapors and mist	HM	A2 P2 (5)
	Spraying, varnishing	with latex paint	paint particles	HM / FFP2	P2
	Spraying, varnishing	of latex paint with the presence of residual solvents or odors	solvent vapors and paint particles	HM	A2 P2
	Spraying, varnishing	of isocyanates (solvent based)	solvent vapors and paint particles	HM	A2 P2
	Spraying, varnishing	with lacquers and wood preservatives	organic vapors	HM	A1 P2 / A2 P2 (4)
	Painting	with water soluble paint	big drops and spots of paint, vapors	HM	A1 / A1 P2
	Painting	with solvent based paint, lacquers and wood preservatives	solvent vapors	HM	A1 / A1 P2 (5)
	Painting	with anti-fouling paint	solvent vapors	HM	A1 / A1 P2 / P3

MASKS & FILTERS

The following table shows various application fields and the suitable mask-filter-combination recommended.

Here you can find a detailed list of examples of applications.

HM = half mask, FFP = filtering face piece

Business Field Task Application			Containment	Mask type*	Filter*
Plastic manufacturing	Grinding, cutting, drilling	of plastics	plastic powder	HM / FFP2	P2 / AB P2 (7)
Waste management	Sweeping	dust	dust particles	HM	P2 / P3
	General handling	waste sorting where odors, bacteria or spores are present	gases and dust particles	HM	A P2 / P3
	General handling	contact with mold / fungus spores	fungus spores	HM / FM / FFP2	P2 (5)
Power plant	Filter exchange and revision		contaminated dust particles	HM	P3
Farming 	General handling	handling of liquid manure	gases and vapors	HM	ABEK
	Spraying	of pesticides (aqueous solutions)	insecticides / pesticides	HM / FFP2	P2
	Spraying	of pesticides (organic, evaporating)	insecticides / pesticides	HM	A1 P2
	Sweeping	of barn	dust particles	HM / FFP2 Odour	P2
	Usage/cleaning	of animal feeding systems	dust particles	HM / FFP2 Odour	P2
	Cleaning/draining	of chicken / pigs farm manure pits	ammonia, H ₂ S	HM	ABE -P2 (8)
Medical	General handling	contact with bacteria	bacteria	HM / FFP2	P2
Science	General handling	contact with viruses	viruses	FM	P3
Swimming pools	Cleaning		bacteria	HM / FFP2	P2
	Cleaning	additionally water treatment with chlorine	bacteria and gases	FM	AB2 P2
Autobody	Repair	changing clutch and brake pads	fine dust, asbestos	HM	P2 / P3
	Contact	with diesel soot / smoke	sooty particles	HM / FFP2	P2

- 1) observe exceptions
- 2) dependent on the concentration of gaseous substances
- 3) P2 if caustic
- 4) depending on the concentration
- 5) AX for low-boiling substances
- 6) FM depending on the concentration
- 7) AB, if gases might be produced
- 8) FFP2 Odour for gases below OEL

* Remarks

This table is a guide to selecting the appropriate respiratory protection products. This guide does not release the user from the obligation to comply with national application regulations and laws and is not a substitute for adhering to and understanding the product instruction manuals.

Did you know that Dräger has an online database where you can check what the correct filter is for each hazardous substance?

http://t4.life/hazmat_voice

MASKS & FILTERS

MASKS & FILTERS SELECTION GUIDE

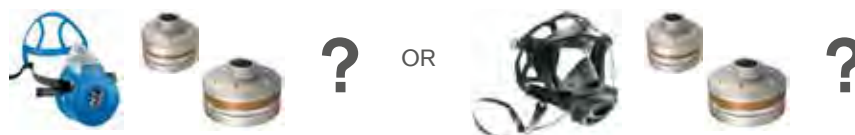
How do I choose what mask & filter is right for each application?

Please check the following before using filtering respiratory protection:

- Is there enough oxygen in the ambient air?
- What contaminants are in the ambient air?
- What are the concentrations of the contaminants?
- Are the contaminants in gas, particle, or vapour form? Or are they a mixture?
- Do the contaminants have adequate warning properties (e.g. smell or taste?)
- What are the applicable Time Weighted Averages? (TWA)
- In addition to respiratory protection, is other personal protection equipment (e.g. eye or ear protection) required?

Which respirator should I choose?

Most hazardous substances have a Safety Data Sheet (SDS) which contains a recommendation on what type of respiratory protection is required for general handling and for emergency spill response. If this isn't clear then you can use the following tools to identify the right option.



To determine what type of mask is suitable, half or full face, you can use the following calculation:

$$\frac{\text{Concentration of the hazardous substance}}{\text{Time Weighted Average (TWA)*}} =$$

The result is the minimum protection factor required. You can then reference the below table to identify the suitable mask types by choosing any option above the minimum protection factor.

Protection Factors				
Filter type	Filter class	Capacity	Half Face / Disposable	Full Face
Gas Filter	1	Small	10	50
	2	Medium	10	100
	3	Large	10	100
Particle Filter	1	Small	4	10
	2	Medium	10	50
	3	Large	10	100

Often you won't know what the expected concentration of the hazardous substance is. It is advisable to monitor the gas concentration via colour metric gas detection tubes or digital gas detectors so you know what the potential hazard is. If in doubt, select a high level of protection.

What is the maximum concentration I can use a mask & filter up to?

You can identify what the maximum concentration the mask & filter combination can be used up to by using the following calculation:

$$\text{Protection Factor} \times \text{TWA}^* = ???$$

Protection Factors / Maximum Concentrations						
Filter type	Filter class	Capacity	Half Face	No greater than	Full Face	No greater than
Gas Filter	1	Small	10x TWA	1000 PPM	50x TWA	1000 PPM
	2	Medium	10x TWA	1000 PPM	100x TWA	5000 PPM
	3	Large	10x TWA	1000 PPM	100x TWA	10,000 PPM
Particle Filter	1	Small	4x TWA	N/A	10x TWA	N/A
	2	Medium	10x TWA	N/A	50x TWA	N/A
	3	Large	10x TWA	N/A	100x TWA	N/A

*TWA - Time Weighted Average (acceptable average exposure of a substance over an eight-hour day, for a five-day working week).

Use the following link to identify what the Australian TWA is: <http://hcis.safeworkaustralia.gov.au/ExposureStandards>











Use the following link to identify what the Australia TWA is: <http://www.worksafe.govt.nz/worksafe/information-guidance/all-guidance-items/workplace-exposure-standards-and-biological-exposure-indices>

MASKS & FILTERS

HOW TO SELECT THE RIGHT FILTER

Contaminants come in different forms – generally: aerosols (solids/particles) and gases (gases, vapours). You can choose between the filter types to protect against one of these forms or a combination of both of them.

Solids / particles: Dusts, fibres, fumes, microorganisms (e.g. viruses, bacteria, fungi, spores) and mists

Colour code	Filter type	Contaminants present
	AX	Gases and vapours of organic com-pounds with boiling point ≤ 65 °C
	A	Gases and vapours of organic com-pounds with boiling point > 65 °C
	B	Inorganic gases and vapours, e.g. chlorine, hydrogen sulphide, hydrogen cyanide
	E	Sulphur dioxide, hydrogen chloride
	K	Ammonia and organic Ammonia derivates
	CO	Carbon monoxide
	Hg	Mercury vapour
	NO	Nitrous Gases Including nitrogen monoxide
	Reactor	Radioactive iodine Including radioactive methyl iodide
	P	Particles

- 3) AX filters may only be used as supplied from factory. Reuse and use against gas-compounds is absolutely impermissible.
- 4) CO filters for one time use only. Must be disposed after use. Special guidelines according to local regulations apply.
- 5) Hg Filters can only be used for a maximum of 50 hours according to EN 14387.
- 6) NO filters for one time use only. Must be disposed after use.
- 7) Reactor filters: special guidelines according to local regulations apply.

Never use any kind of filtering respiratory protection device . . .

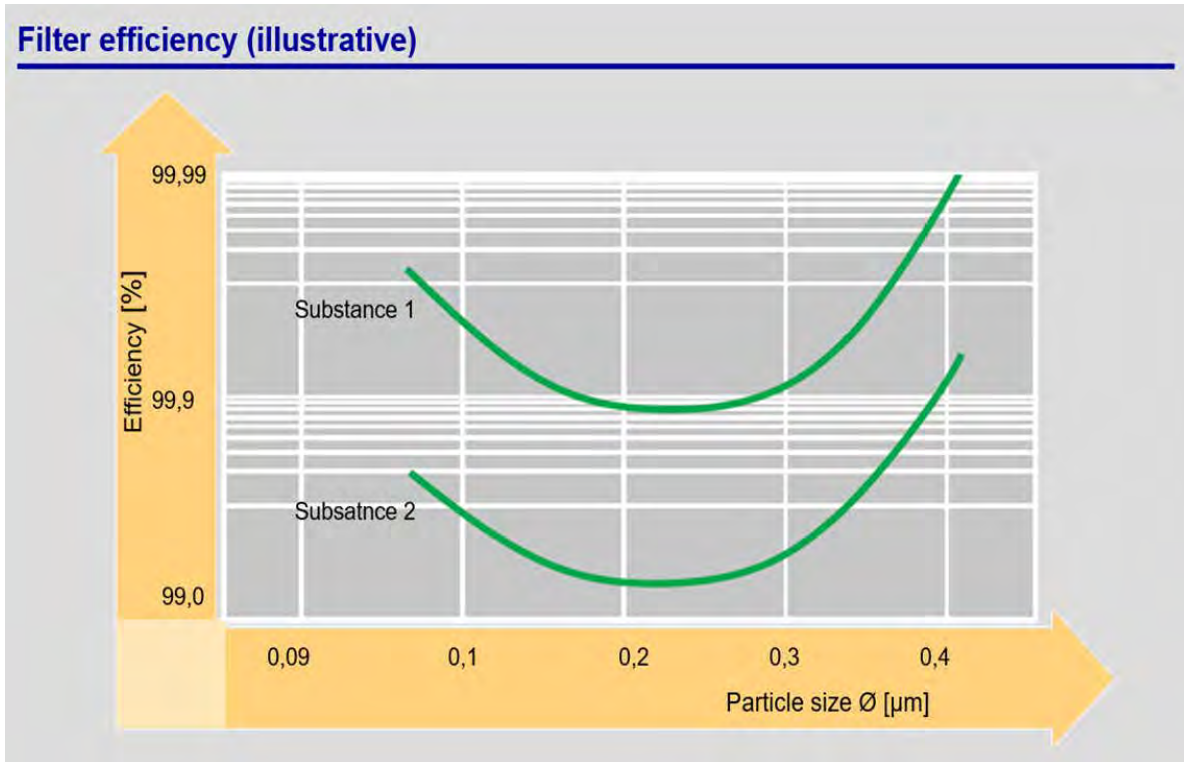
- in oxygen deficient atmospheres
- in poorly ventilated areas or confined spaces, such as tanks, small rooms, tunnels, or vessels
- where the concentrations of the toxic contaminants are unknown or are immediately dangerous to life or health
- when the concentration of a contaminant is higher than the maximum permissible concentration
- when the contaminant has poor or no warning properties (smell, taste or irritation)

MASKS & FILTERS

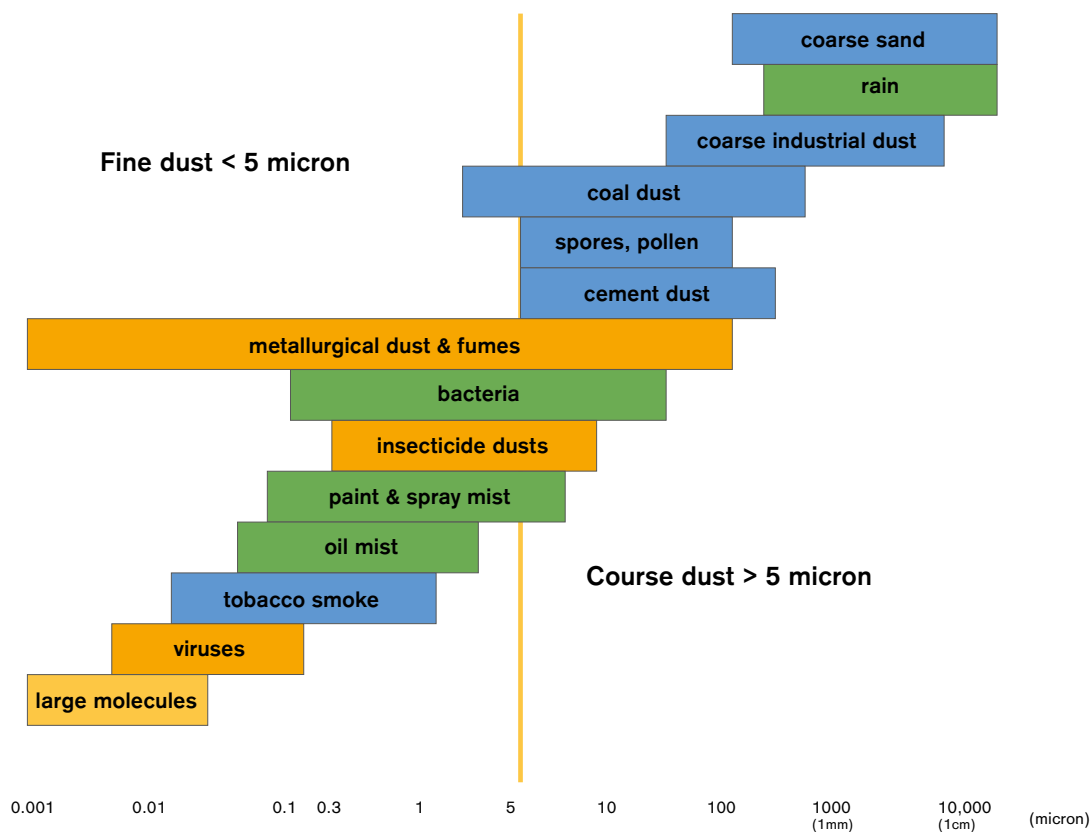
Dräger Air Purifying Respiratory Protection Decision flow



MASKS & FILTERS



PARTICLE SIZE



MASKS & FILTERS

FILTER USAGE, LIFETIMES & STORAGE

How long will the filter last for?

During Use

The service life of a respiratory filter depends on its size and on the conditions of use. Factors affecting service life:

- concentration of the contaminants
- combination of the contaminants
- air humidity
- temperature
- duration of use
- breathing rate of the user

The end of service life is generally recognisable by:

- in gas filters, by a noticeable taste or smell of the contaminant
- in particle filters, by an increased breathing resistance
- in combination filters, a noticeable taste or smell and/or an increased breathing resistance

What is the maximum life of a filter once opened?

A	6 months
B	6 months
E	6 months
K	6 months
P	6 months
AX	1 work shift
NO	1 work shift
CO	1 shift or 20 minutes of exposure
Hg	6 months or 50 hours of exposure

REGARDless of their time-limited protective effect against CO and NO, multi-use filters can be used beyond these duty periods to provide protection against other substances.

AX filter usage limitations

Low-boiling group	Usage concentration	Maximum usage time (min)	Specific gases within the low-boiling groups
1	<100 ml/m ³	40	acetaldehyde; 2-aminobutane; 2-amino-2-methyl propane; 2-bromine-2-chlorine-1,1,1-trifluoroethane; methyl bromide ; 1,3-butadiene; 1-chlorine-1,1-difluoroethane; chlorfluoromethane; 2-chlorine-1,3-butadiene; 3-chlorine-1-propylene; 1,1-dichlorethene; dichloromethane diethylamine; 1,1-difluoroethene; dimethyl ether; 1,1-dimethylethylamine; 1,2-epoxypropane; ethanethiol; ethylene oxide ; iodmethane; methanol; monochlordimethyl ether; 2-propenal (acrolein); propylenimine; trichlormethane; vinyl chloride
	< 500 ml/m ³	20	
2	< 1000 ml/m ³	60	acetone; bromethane; butane; chlorethane; 2-chloropropane; 1,3-cyclopentadiene; dibromodifluoromethane; 1,1-dichlorethane; 1,2-dichlorethene (cis); 1,2-dichlorethene (trans); 1,2-dichlor-1,1,2,2-tetrafluoroethane; diethyl ether; dimethoxymethane; imethylpropane; 1,3-epoxypropane; ethyl formate; glyoxal; methyl acetate; methylbutane; methyl formate; methyl propane; n-pentane; propanal
	< 5000 ml/m ³	20	

Shelf life

Filter Range	Filter Type	Lifetime (years)	Storage (years)
Rd 40 Filters	Particles	10	2
	Gas and Combination filters	4	2
Rd 90 Filters	Particles	10	2
	Gas and Combination filters	4	2
Bayonet Filters	Particles	10	1
	Gas and Combination filters	4	2

The storage time represents the time it can be in storage before being sold. Clients can expect to get at least the specified lifetime and then potentially additional time depending on how long it has been stored before supply.

Storage

Respiratory filters must be stored in rooms with normal humidity (<90 % rel. humidity), temperature (-10 °C to 55 °C) and uncontaminated air.

The maximum storage time of respiratory filters that have been first opened is 6 months if the filter is sealed again after use:

Seal RD 40 filters with the original filter plug and filter cap. Close RD 90 & Bayonet filters inside a bag or airtight container.

The shelf life can be degraded if the filters are stored under different conditions.

MASKS & FILTERS

MASK & FILTER RANGE GUIDE

What options are available in the Dräger range?

Disposable Dust/Particle Masks



X-plore 1300 -
Economical range



X-plore 1700 -
Lowest breathing resistance



X-plore 1900 -
Premium range

Bayonet - Twin Filter Series

The X-plore 3000 series of half masks and X-plore 5000 series of full face masks is the most popular type within our range. A wide selection of filter options for both gas and particles is available with only the exclusion of nitrous gases & carbon monoxide.



Filter Options: A B E K P Hg

RD 40 - Single Filter Series

The RD 40 series is our most comprehensive range of masks and filters. The X-plore 4740 half mask, X-plore 6000 series & FPS 7000 full face masks are within this range. RD 40 - 40mm mask thread connector.



Filter Options: A B E K P Hg AX CO NO

RD 90 - Single Filter Series

The RD 90 Series is a range of filters for our X-plore 4790 half mask only. A wide selection of filter options for both gas and particles is available with only the exclusion of nitrous gases & carbon monoxide. RD 90 - 91mm mask thread connector.



Filter Options: A B E K P Hg

X-plore 8000 - Powered Air Purifying Respirator

The X-plore 8000 is our gas and particle filtering belt worn powered respirator. With many different headpieces available this is our one comprehensive solution to applications requiring this type of device.



Filter Options: A B E K P Hg

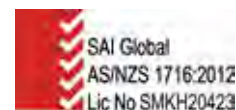
PARAT - Escape filter Series

The PARAT series is our escape filter range of devices. Available as a mouthpiece, half mask or hood for almost any application.



Filter Options: A B E K P

Dräger X-plore® 1300 Particle Filtering Face Piece



The Dräger X-plore® 1300 combines proven and reliable respiratory protection with intelligent new ideas ensuring a high level of comfort and ease of use.

CoolSAFE™ filter material

Performance that makes a difference: CoolSAFE™ filter material produced from high-performance filter media combines low breathing resistance and high filter performance in one mask. The material also exceeds the challenging dolomite dust test requirements.

Flexible nose clip

Ensures a great fit in the most critical area.

Nose seal

Safe sealing in the most critical area: all face pieces are equipped with special nose seal. It is sweat-absorbing, comfortable and most importantly ensures an effective seal around the nose.

Formed mask body

Proven, ergonomic, stable: The special design and shape of the mask body offers comfortable and secure fitting to faces with a wide variety of shapes and sizes. The masks can be donned quickly and easily. The interior volume ensures wearing comfort along with easy communication. Inside, the mask body is specially reinforced, thus ensuring dimensional stability throughout long periods of time.

VarioFLEX™ head harness with EasyStop

Easy to don/doff and adjust with a pressure-free fit: This continuous loop head harness is constructed from a robust, tear-proof textile strap. In contrast to other face pieces, no clips are required – preventing uncomfortable pressure and allergic reactions. The head harness can be donned/doffed easily and quickly, and without hair entanglement. Thanks to EasyStop, the head harness can easily be adjusted to fit various head sizes while sitting comfortably and safely.

CoolMAX™ exhalation valve (optional)

Breathe easy and comfortably with extremely low breathing resistance. The exhalation valve releases humid and warm air, preventing heat build-up underneath the mask, allowing you to stay cool while working hard.

Hypoallergenic inner layer

Comfortable to wear: the hypoallergenic inner layer is easy on your skin and gives the user added comfort even when used for longer periods of time.



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 1300 SERIES DISPOSABLE MASKS

The X-plore 1300 series of masks are our moulded/cup style, economical solution to particle protection.

Optional exhalation valve lowers breathing resistance and reduces warm & humid air to prevent uncomfortable heat build-up

Optional activated-carbon layer provides relief from nuisance level odours of organic vapors below the permissible exposure limit.

Masks packed in a plastic bag within the box.



Class P1 - Removes >80% of particles that are >0.3 microns in diameter

1. X-plore 1310 FFP1 NR D	P1 Mask	3951211	20 / box 240 / carton 5760 / pallet	471
2. X-plore 1310 FFP1 V NR D	P1 Mask with Exhalation Valve	3951212	10 / box 180 / carton 5400 / pallet	471

Class P2 - Removes >94% of particles that are >0.3 microns in diameter

3. X-plore 1320 FFP2 NR D	P2 Mask	3951213	20 / box 240 / carton 5760 / pallet	471
4. X-plore 1320 FFP2 V NR D	P2 Mask with Exhalation Valve	3951214	10 / box 180 / carton 5400 / pallet	471
5. X-plore 1320 FFP2 V Odour NR D	P2 Mask with Exhalation Valve & Odour Removal	3951215	10 / box 180 / carton 5400 / pallet	471

* Pricing is per mask. Minimum order of 1 box

FF - Filtering face piece

NR - Non Reusable (1 shift maximum)

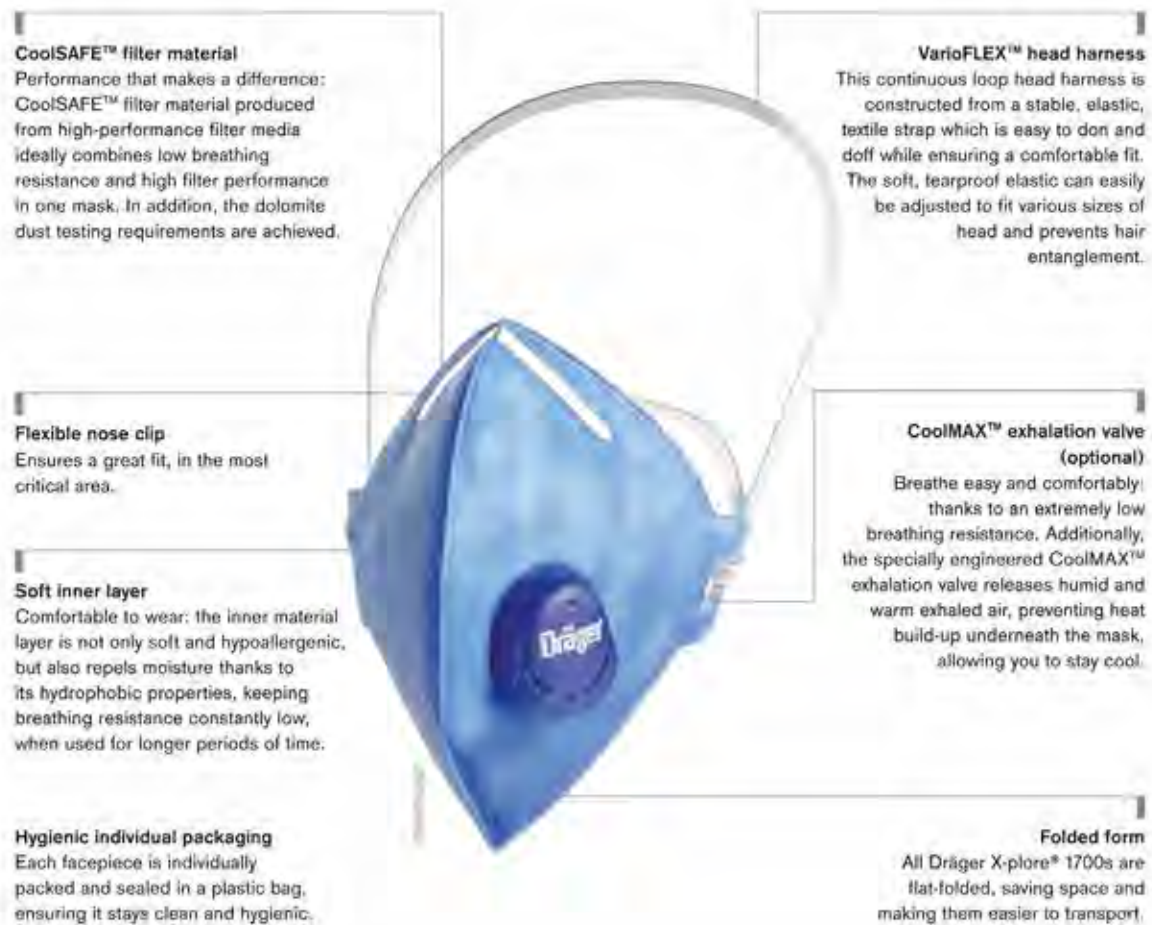
V - Exhalation Valve

D - Successfully passed the dolomite dust test against clogging to maintain low breathing resistance in high dust concentrations

Dräger X-plore® 1700 Particle Filtering Face Piece



Breathe cool, stay safe: Dräger X-plore® 1700 makes breathing easy and comfortable. The CoolSAFE™ filter material ideally combines low breathing resistance and high filter performance in one mask. And the CoolMAX™ valve efficiently releases humid and warm exhaled air to the outside. This makes breathing particularly easy and keeps you cool under the mask.



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 1700 SERIES DISPOSABLE MASKS

The X-plore 1700 series of masks are our flat fold style, premium solution to particle protection. Optional exhalation valve lowers breathing resistance and reduces warm & humid air to prevent uncomfortable heat build-up. Optional activated-carbon layer provides relief from nuisance level odours of organic vapors below the permissible exposure limit. Masks individually packed in plastic bags within the box.



Class P1 - Removes >80% of particles that are >0.3 microns in diameter				
1. X-plore 1710 FFP1 NR D	P1 Mask	3951080	20/ box 360 / carton 8640 / pallet	471
2. X-plore 1710 FFP1 V NR D	P1 Mask with Exhalation Valve	3951081	10/ box 270 / carton 6480 / pallet	471
3. X-plore 1710 FFP1 Odour NR D	P1 Mask with Odour Removal	3951140	20 / box 360 / carton 8640 / pallet	471
4. X-plore 1710 FFP1 V Odour NR D	P1 Mask with Exhalation Valve & Odour Removal	3951082	10 / box 270 / carton 6480 / pallet	471
Class P2 - Removes >94% of particles that are >0.3 microns in diameter				
5. X-plore 1720 FFP2 NR D	P2 Mask	3951083	20 / box 360 / carton 8640 / pallet	471
6. X-plore 1720 FFP2 V NR D	P2 Mask with Exhalation Valve	3951084	10 / box 270 / carton 6480 / pallet	471
7. X-plore 1720 FFP2 V Odour NR D	P2 Mask with Exhalation Valve & Odour Removal	3951085	10/ box 270 / carton 6480 / pallet	471
X-plore 1720 C FFP2 NR D	P2 Mask	3951193	20 / box 360 / carton 8640 / pallet	471
X-plore 1720 C V FFP2 NR D	P2 Mask with Exhalation Valve	3951085	10 / box 270 / carton 6480 / pallet	471

* Pricing is per mask. Minimum order of 1 box

FF - Filtering face piece

NR - Non Reusable (1 shift maximum)

V - Exhalation Valve

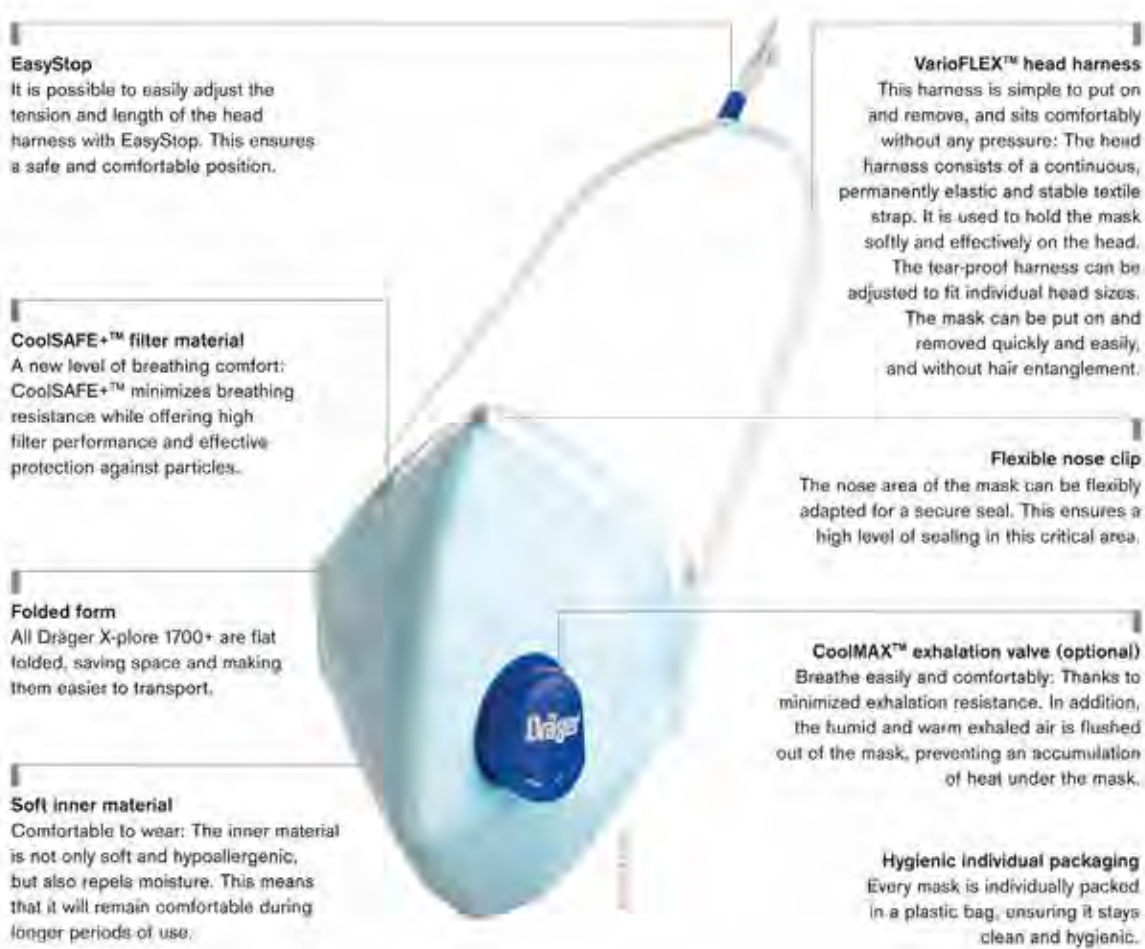
D - Successfully passed the dolomite dust test against clogging to maintain low breathing resistance in high dust concentrations

Draeger Australia & New Zealand | Subject to modifications | www.draeger.com

Dräger X-plore® 1700+ Particle Filtering Face Piece



Hardly noticeable breathing resistance thanks to the specially developed CoolSAFE+™ filter material: The Dräger X-plore® 1700+ particle filtering face pieces provide optimum breathing comfort through minimum breathing resistance.



MASKS & FILTERS

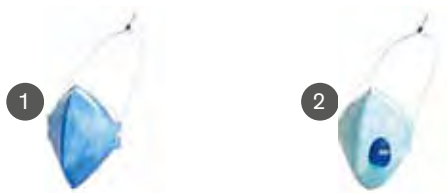
PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 1700+ SERIES DISPOSABLE MASKS

The Dräger X-plore 1700+ flat fold mask utilises specially developed CoolSAFE™ filter material which has an increased electrostatic charge to filter particles whilst lessening the amount of filter material required which reduces the breathing resistance.

Not suitable for diesel particulate matter.

Masks individually packed in plastic bags within the box.



Class P1 - Removes >80% of particles that are >0.3 microns in diameter				
1. X-plore 1710+ FFP1 NR D	P1 Mask	3951380	20 / box 360 / carton 8640 / pallet	471
Class P2 - Removes >94% of particles that are >0.3 microns in diameter				
2. X-plore 1720+ FFP2 V NR D	P2 Mask with Exhalation Valve	3951384	10 / box 270 / carton 6480 / pallet	471

* Pricing is per mask. Minimum order of 1 box

FF - Filtering face piece

NR - Non Reusable (1 shift maximum)

V - Exhalation Valve

D - Successfully passed the dolomite dust test against clogging to maintain low breathing resistance in high dust concentrations

Dräger X-plore® 1900 Particle Filtering Face Piece



Dräger X-plore® 1900 is a high-performance, single-use dust mask for protection against fine dust and particles. The premium particle filtering mask is available in two sizes, combining ease of use, exceptional comfort and optimal fit. For the highest degree of safety – even for people wearing spectacles.

Tear-resistant VarioFLEX head straps
make the mask easy to put on and take off
and comfortable to wear

Flexible nose clip and soft nose pad
for a secure seal without discomfort

**Soft inner lining made from
gentle, moisture-resistant material**
for long-lasting comfort

**SmartFOLD design
with patented
double reinforcement**
provides increased
breathing space and
a sturdy mask body

Three-part folding design
for optimal adjustment to the face and
stable positioning of the mask

**CoolMAX exhalation valve
(optional)**
effectively releases humid and
warm exhaled air to the outside

CoolSAFE filter material
for high filtration efficiency and
low breathing resistance

Two sizes (S and M/L)
for an optimal fit for virtually every face

D-16766-2018

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 1900 PARTICLE FILTERING FACE PIECES

Draeger X-plore® 1900 is a high-performance, single-use dust mask for protection against fine dust and particles. The premium particle filtering mask is available in two sizes, combining ease of use, exceptional comfort and optimal fit.

Thanks to the latest generation of CoolSAFETM filter materials, breathing resistance is hardly noticeable. The optional models fitted with a CoolMAX™ exhalation valve keep breathing cool and easy. The flexible, continuous looped VarioFLEXTM head straps make it easy to put on.

The SmartFOLD™ design with patented double reinforcement makes the mask shape highly stable and provides a generous breathing space.

The mask is available in two sizes (S and M/L). This makes it suitable for many different face shapes and sizes, so each wearer can choose the right size for an optimal fit. And the three-part folding design offers high flexibility in terms of fit. The masks are also fully compatible with protective eyewear.

Spectacles wearers can wear it comfortably without the mask or glasses getting in each other's way and without the spectacles fogging up. All three EN protection classes are easily recognizable through their color coding: FFP1 = yellow, FFP2 = orange. Approval: EN 149:2001+A1:2009 and AS/NZS 1716:2012.



X-plore 1910 FFP1				
1. X-plore 1910 FFP1 NR D, size M/L	Mask	3951910	20 / box 200 / carton 7200 / pallet	471
1. X-plore 1910 FFP1 NR D, size S	Mask	3951911	20 / box 200 / carton 7200 / pallet	471
2. X-plore 1910 V FFP1 NR D, size M/L	Mask with CoolMAX™ exhalation valve	3951915	10 / box 100 / carton 3600 / pallet	471
2. X-plore 1910 V FFP1 NR D, size S	Mask with CoolMAX™ exhalation valve	3951916	10 / box 100 / carton 3600 / pallet	471
X-plore 1920 FFP2				
3. X-plore 1920 FFP2 NR D, size M/L	Mask	3951920	20 / box 200 / carton 7200 / pallet	471
3. X-plore 1920 FFP2 NR D, size S	Mask	3951921	20 / box 200 / carton 7200 / pallet	471
4. X-plore 1920 V FFP2 NR D, size M/L	Mask with CoolMAX™ exhalation valve	3951925	10 / box 100 / carton 3600 / pallet	471
4. X-plore 1920 V FFP2 NR D, size S	Mask with CoolMAX™ exhalation valve	3951926	10 / box 100 / carton 3600 / pallet	471

Dräger X-plore® 2100 Half Mask



The Dräger X-plore® 2100 is the reusable alternative to disposable dust masks. The X-plore® 2100 is the ideal solution for people working frequently in dusty environments. Its replaceable filters provide protection against solid and liquid particles. This half mask offers the perfect combination of comfort, safety and cost-effectiveness.



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 2100 SERIES REUSABLE PARTICLE HALF MASK

X-plore 2100 Half Mask

The X-plore 2100 is a reusable half mask that filters particles only. The filter can be reused for multiple workshifts making it a very cost efficient alternative to disposable particle masks. The soft & flexible body improves the facial fit in comparison to a disposable mask.



1. X-plore 2100, universal size	EPDM, suits particle filter 6737352	R55881	1 / box	425
2. X-plore 2100, size S/M	Silicone, suits particle filter 6737352	R55883	1 / box	425
2. X-plore 2100, size M/L	Silicone, suits particle filter 6737352	R55882	1 / box	425

X-plore 2100 Filter

3. P2 Filter R D	Replacement particle filter P2	6737352	20 / box	433
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X-plore 2100 Mask & Filter Kits - Mask plus 5 Filters



4. X-plore 2100 M/L Mask + 5 Filters	EPDM, particle filter P2/P3* R D	R55910	1 / box	425
5. X-plore 2100 M/L Mask + 5 Filters	Silicone, particle filter P2/P3* R D	R55915	1 / box	425

* The filter is P3 but due to restrictions in the Australian Standard REGARDing half masks, it can only be classified a P2

Spare Parts

Headharness	Blue plastic part only	R54225	1 / box	
Headstrap	Elastic strap & hook only	R55218	1 / box	492
Filter cover		R53140	1 / box	492
Inhalation valve disc	Replacement inhalation valve	R52510	10 / box	492
Exhalation valve disc	Replacement exhalation valve	R52541	5 / box	492

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Material Characteristics		EPDM		Silicone
Elasticity		2		1
Tear Strength Values		2		2
Abrasion		2		2
Tensile Strength		2		3
Heat		3		1
Flame		2		3
Flexibility when cold		2		1
Solvents		2		1
Aggressive Chemicals (eg. phosgene, H ₂ S)		1		5

1 = very good, 2 = good, 3 = acceptable, 4 = sufficient, 5 = insufficient

EPDM - Ethylene propylene diene terpolymer

Si - Silicone

R - Reusable (not limited to 1 shift)

D - Successfully passed the dolomite dust test against clogging to maintain low breathing resistance in high dust concentrations

MASKS & FILTERS

Dräger X-plore® 3300 Half Mask



Practical use and comfort: Dräger X-plore® 3300 offers both and additionally excels by its economical and low maintenance use.



Dräger X-plore® 3500 Half Mask



A perfect combination of durability, protection and comfort. For harsh conditions and long duration use, the Dräger X-plore® 3500 half mask is the first choice.



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 3000 SERIES TWIN FILTER MASKS

X-plore 3300 and 3500 Series Bayonet Filter Half Masks

The X-plore 3000 series of masks should be your first choice of half mask within the Dräger range. The bayonet twin filter design provides the highest level of wearer comfort due to the optimal weight distribution and swept back filters. Masks come with a sealable plastic bag for storage.



1. X-plore 3300, size S	Economical bayonet filter half mask with a specially designed flexible nose area for a secure fit and the 'FlexFit' high comfort head harness	R55331	1 / box	425
1. X-plore 3300, size M		R55330	1 / box	425
1. X-plore 3300, size L		R55332	1 / box	425
2. X-plore 3350, size S		AH10264	1 / box	425
2. X-plore 3350, size M	The X-plore 3300 redesigned to fit the Asian face shape. Comes with an economical head harness	AH10263	1 / box	425
2. X-plore 3350, size L		AH10265	1 / box	425
3. X-plore 3500, size S	Premium bayonet filter mask with the features of the 3300 + 'drop-down' next strap and 'DrägerFlex' mask body material which provides excellent chemical resistance and protection with hypoallergenic properties	R55351	1 / box	425
3. X-plore 3500, size M		R55350	1 / box	425
3. X-plore 3500, size L		R55352	1 / box	425
4. X-plore 3550, size S	The X-plore 3500 redesigned to fit the Asian face shape	AH10261	1 / box	425
4. X-plore 3550, size M		AH10260	1 / box	425
4. X-plore 3550, size L		AH10262	1 / box	425

Spare Parts

Headstrap	Replacement Headstrap	R55224	1 / box	492
Yoke	Blue plastic front exhalation cover	R55228	1 / box	492
Inhalation valve disc	Replacement inhalation valve	R53309	10 / box	492
Exhalation valve disc	Replacement exhalation valve	R52541	5 / box	492

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
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X-PLORE 3300 SERIES TWIN FILTER MASKS KITS

X-plore 3300 and 3500 Series Bayonet Filter Half Masks with Filters in a Sealable Box

The X-plore 3300 or 3500 mask in a convenient air-tight plastic container.



1. X-plore 3300 S P2 Pure Kit		3504024	425
2. X-plore 3300 S P2/P3 Odour Kit		3504023	425
3. X-plore 3300 S Particle P2/P3 Kit	Half Mask & Filters supplied in a sealable plastic container for easy transport & storage	3505555	425
4. X-plore 3300 S A2 P2/P3 Kit		3504051	425
5. X-plore 3300 S ABEK1Hg P2/P3 Kit		3504050	425
1. X-plore 3300 M P2 Pure Kit		3504048	425
2. X-plore 3300 M P2/P3 Odour Kit		3504047	425
3. X-plore 3300 M Particle P2/P3 Kit	Half Mask & Filters supplied in a sealable plastic container for easy transport & storage	3505556	425
4. X-plore 3300 M A2 P2/P3 Kit		3504046	425
5. X-plore 3300 M ABEK1Hg P2/P3 Kit		3504045	425
1. X-plore 3300 L P2 Pure Kit		3504043	425
2. X-plore 3300 L P2/P3 Odour Kit		3504042	425
3. X-plore 3300 L Particle P2/P3 Kit	Half Mask & Filters supplied in a sealable plastic container for easy transport & storage	3505557	425
4. X-plore 3300 L A2 P2/P3 Kit		3504041	425
5. X-plore 3300 L ABEK1Hg P2/P3 Kit		3504040	425

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PRODUCT GROUP
X-PLORE 3500 SERIES TWIN FILTER MASKS KITS			
1. X-plore 3500 S P2 Pure Kit		3504038	425
2. X-plore 3500 S P2/P3 Odour Kit		3504022	425
3. X-plore S Particle P2/P3 Kit	Premium Half Mask & Filters supplied in a sealable plastic container for easy transport & storage	3505558	425
4. X-plore 3500 S A2 P2/P3 Kit		3504037	425
5. X-plore 3500 S ABEK1Hg P2/P3 Kit		3504036	425
1. X-plore 3500 M P2 Pure Kit		3504034	425
2. X-plore 3500 M P2/P3 Odour Kit		3504033	425
3. X-plore 3500 M Particle P2/P3 Kit	Premium Half Mask & Filters supplied in a sealable plastic container for easy transport & storage	3505559	425
4. X-plore 3500 M A2 P2/P3 Kit		3504032	425
5. X-plore 3500 M ABEK1Hg P2/P3 Kit		3504031	425
1. X-plore 3500 L P2 Pure Kit		3504029	425
2. X-plore 3500 L P2/P3 Odour Kit		3504028	425
3. X-plore 3500 L Particle P2/P3 Kit	Premium Half Mask & Filters supplied in a sealable plastic container for easy transport & storage	3505560	425
4. X-plore 3500 L A2 P2/P3 Kit		3504027	425
5. X-plore 3500 L ABEK1Hg P2/P3 Kit		3504026	425
Sealable Container	Airtight container for X-plore 3000 & Filters	3503945	425

These kits are assembled on order with the individual components kept in stock. When checking for availability please check the component through customer service.

X-plore 3300 and 3500 Series Bayonet Filter Half Masks with Filters in a Retail Box



1. Construction Set	X-plore 3500 (M) with 1 pair of P2/P3 particle filter (6738353)	R56960	1 / box	425
2. Painter/Agriculture Set	X-plore 3300 (M) with 1 pair of A2-P2/P3 filter (6738875)	R57793	1 / box	425
3. Chemical Works Set	X-plore 3300 (M) with 1 pair of A1B1E1K1Hg-P2/P3 filter (6738817)	R57794	1 / box	425

MASKS & FILTERS

Dräger X-plore® 5500 Full Face Mask



Whether in the chemical, metal, or automotive industries, ship building, supplies, or disposal: The Dräger X-plore® 5500 full face mask is the right solution for environments where not only increased respiratory protection is required, but also a clear vision is mandatory.



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 5000 SERIES TWIN FILTER MASKS

X-plore 5500 Full Face Masks

The X-plore 5000 series of masks should be your first choice of full face mask within the Dräger range. The bayonet twin filter design provides the highest level of wearer comfort due to the optimal weight distribution and swept back filters.



1. X-plore 5500 PC	EPDM body, blue plastic frame, polycarbonate visor, 5-point harness	R55270	1 / box	421
2. X-plore 5500 Triplex	EPDM body, triplex glass visor, stainless steel frame	R56655	1 / box	421

Spare Parts

3. Headstrap	Replacement Headstrap (no buckles)	R26279	1 / box	492
4. Polycarbonate (PC) Visor	Replacement PC Visor	R50833	1 / box	492
4. Triplex Glass Visor	Replacement Triplex Glass Visor	R26989	1 / box	492

PC - Polycarbonate

Triplex - Triplex Laminated Glass

EPDM - Ethylene propylene diene terpolymer

Resistance against:	Polycarbonate Visor	Triplex Glass Visor
Heat	up to 125 °C	up to 200°C
Abrasion	3	1
Shock, impact	1	3
Flection	1	4
Chemicals	3	1
Identification mark at the top of the visor	PC	L

1 = very good, 2 = good, 3 = acceptable, 4 = sufficient, 5 = insufficient

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 5500 SERIES TWIN FILTER MASKS KIT

X-plore 5500 Series Bayonet Filter Full Face Masks with Filters in a Sealable Box

The X-plore 5500 in Polycarbonate or Triplex Glass Visor with a pair of filters in a convenient air-tight plastic container.



1. X-plore 5500 Polycarbonate Construction Kit	2 x P2 Pure Filters & 10x mask wipes	3505199	1 / box	421
1. X-plore 5500 Polycarbonate Welders Kit	2 x P2/P3 Odour Filters & 10x mask wipes	3505200	1 / box	421
1. X-plore 5500 Polycarbonate Sprayers Kit	2 x A2 P2/P3 Filters & 10x mask wipes	3505201	1 / box	421
1. X-plore 5500 Polycarbonate Chemical Kit	2 x ABEK1Hg P2/P3 Filter & 10x mask wipes	3505202	1 / box	421

Dräger X-plore® Bayonet Filter



Experience a new dimension of comfort and safety in respiratory protection: the Dräger X-plore® Twinfilter series. Utilisation of modern materials coupled with an attractive design ensures maximum comfort and user acceptance.




MASKS & FILTERS

CARTRIDGE SELECTION AND REPLACEMENT PARTS

GAS & VAPOUR CARTRIDGES




A1/A2
Protection: organic gases and vapours (boiling point >65°C)
67 38 872 / 67 38 873



A1B1E1
Protection: organic gases and vapours (boiling point >65°C), inorganic gases and vapours (e.g. chlorine, hydrogen sulphide, hydrogen cyanide), sulphur dioxide and hydrogen chloride
67 38 778



A1B1E1K1
Protection: organic gases and vapours (boiling point >65°C), inorganic gases and vapours (e.g. chlorine, hydrogen sulphide, hydrogen cyanide), sulphur dioxide and hydrogen chloride, ammonia and organic ammonia derivate
67 38 816



A2B2
Protection: organic gases and vapours (boiling point >65°C), inorganic gases and vapours (e.g. chlorine, hydrogen sulphide, hydrogen cyanide)
67 38 775

PARTICULATE FILTERS



Pad P1 NR
Protection: Oil and solid particulates
67 38 020



Pad P2 R
Protection: Oil and solid particulates
67 38 002



Pure P2 R/Pure P3 R
Protection: Oil and solid particulates
67 38 353 / 67 38 354



Pure Odour P3 R
Protection: Oil and solid particulates, nuisance odours
67 38 391



P3 R
Protection: Oil and solid particulates
67 38 011



Pad Retainer
67 38 038



Filter Pad Base
67 38 039



Dräger X-plore® Pure Adapter
67 38 356


TWIN FILTER MASKS




Dräger X-plore® 3300
Economical Half Mask
Size S R 55 331
Size M R 55 330
Size L R 55 332



Dräger X-plore® 3500
Premium Half Mask
Size S R 55 351
Size M R 55 350
Size L R 55 352



Dräger X-plore® 5500 PC
Full Face Mask, universal size
R 55 270



Dräger X-plore® 5500 Triplex
Full Face Mask, universal size
R 56 655


COMBINATION CARTRIDGES




A1 P3 R D
Protection: organic gases and vapours (boiling point >65°C) and particles
67 38 874




A2 P3 R D
Protection: organic gases and vapours (boiling point >65°C) and particles
67 38 875



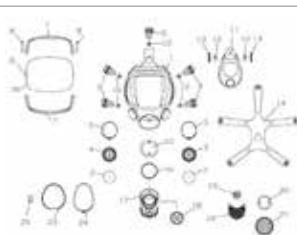
A1B1E1K1 Hg P3 R D
Protection: organic gases and vapours (boiling point >65°C), inorganic gases and vapours (e.g. chlorine, hydrogen sulphide, hydrogen cyanide), sulphur dioxide and hydrogen chloride, ammonia and organic ammonia derivatives, mercury vapour and particles
67 38 817



A2B2 P3 R D
Protection: organic gases and vapours (boiling point >65°C), inorganic gases and vapours (e.g. chlorine, hydrogen sulphide, hydrogen cyanide) and particles
67 38 776



A2B2E2K2 Hg P3 R D*
Protection: organic gases and vapours (boiling point >65°C), inorganic gases and vapours (e.g. chlorine, hydrogen sulphide, hydrogen cyanide), sulphur dioxide and hydrogen chloride, ammonia and organic ammonia derivatives, mercury vapour and particles
67 38 819



Position	Designation	Order No.	Pack. Unit
1-25	Dräger X-plore® 5500 PC	R 55 270	1 13
1-5, 7-26	Dräger X-plore® 5500 Triplex	R 56 655	1 14
1	Mask body EPDM (Cl2)	R 55 266	1 15
2	Valve disc	R 51 486	10 16
3	Filter connector left	R 55 263	1 17
4	Filter connector right	R 55 262	1 18
5	Clamp	R 54 748	1 19
6	Visor PC	R 50 833	1 20
7	Clamping frame, plastic blue	R 55 273	1 21
8	Screw DWN 582 3x20 (Torx)	13 90 006	10 22
9	Sliding buckle	R 28 329	10 23
10	Double button	RM 08 910	15 24
11	Inner mask EPDM	R 52 822	1 25
12	Control valve plate	RM 08 304	10 26

RM 08 303	10	Valve seat
R 26 279	1	Head strap EPDM
R 54 442	4	Screw ring
T 10 549	10	O-Ring
R 52 995	1	Connecting piece
R 53 870	10	Valve seat
R 52 541	5	Exhalation valve disc
R 55 267	10	Plug
R 55 268	1	Cap
R 52 552	5	Cap black
R 52 194	10	Slide ring
R 52 185	10	Clamp
R 53 179	10	Support plate
R 26 989	1	Triplex glass visor

Position	Designation	Order No.	Pack. Unit
1-6	Half Mask Dräger X-plore 3500 medium, reusable	R 55 350	1
1-5, 7	Half Mask Dräger X-plore 3500 small, reusable	R 55 351	1
1-5, 8	Half Mask Dräger X-plore 3500 large, reusable	R 55 352	1
1	Yoke	R 55 228	1
2	Exhalation valve disk	R 52 541	5
3	Inhalation valve disk	R 53 309	10
4	Head strap, complete	R 55 224	1
5	Fabric ribbon with hook	R 55 218	1
6	Mask body M, Dräger X-plore 3500	R 55 226	1
7	Mask body S, Dräger X-plore 3500	R 55 225	1
8	Mask body L, Dräger X-plore 3500	R 55 227	1

*only for use with full face masks

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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BAYONET PARTICLE FILTERS

Bayonet P1 & P2 Pad Particle Filters

Lowest cost bayonet filter option for P1 or P2 protection. The pad base and retainer are kept whilst only the filter is discarded and replaced



1 Bayonet Pad P1 NR	Cannot be connected to a mask without the pad base & retainer	6738001	20 / pcs (10 / pairs)	438
1 Bayonet Pad P2 R	Cannot be connected to a mask without the pad base & retainer	6738002	20 / pcs (10 / pairs)	438
2 Bayonet Pad Base for P1 & P2 Pads	Reusable	6738039	12 / pcs (6 / pairs)	438
3 Bayonet Pad Retainer for P1 & P2 Pads	Reusable	6738038	12 / pcs (6 / pairs)	438

Bayonet Pure Series P2 & P3 Particle Filters

The Pure series and plastic housed filter have the bayonet connection built into them so they can be connected directly to the mask without the need for the pad base and retainer. The Plastic housed P3 filter is perfect for asbestos applications as the filter can be safely handled after use.



1 Bayonet Pure P2 Filter R	For direct connection to the X-plore Bayonet masks	6738353	20 / pcs (10 / pairs)	438
1 Bayonet Pure P3 Filter R	For direct connection to the X-plore Bayonet masks. Only P3 when used with a full face mask	6738354	20 / pcs (10 / pairs)	438
2 Bayonet Pure Odour P3 Filter R	Same as above with nuisance odour removal	6738391	20 / pcs (10 / pairs)	438
3 Bayonet P3 Plastic Housed Filter R	For direct connection to the X-plore Bayonet masks. Only P3 when used with a full face mask	6738011	22 / pcs (11 / pairs)	438
4. Pure Adaptor	Reusable adaptor to attach Pure filter to gas filter	6738356	10 / pcs (5 / pairs)	438

Pricing is per filter/pad/retainer/adaptor. Minimum order of 1 box

NR - Non Reusable (1 shift maximum)

R - Reusable (not limited to 1 shift)

Did you know that Dräger has an online database where you can check what the correct filter is for each hazardous substance?

http://t4.life/hazmat_voice

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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BAYONET GAS & PARTICLE FILTERS

Bayonet Gas Filter

The Bayonet range of filters are for the X-plore 3000 & 5000 series of masks. The filters come vacuum sealed as pairs within a retail box.



1. Bayonet A1 Filter	A	6738872	20 / pcs (10 / pairs)	438
1. Bayonet A2 Filter	A	6738873	20 / pcs (10 / pairs)	438
1. Bayonet A2B2 Filter	A B	6738775	18 / pcs (9 / pairs)	438
1. Bayonet A1B1E1 Filter	A B E	6738778	20 / pcs (10 / pairs)	438
1. Bayonet A1B1E1K1 Filter	A B E K	6738816	20 / pcs (10 / pairs)	438
2. Bayonet Pad P1 NR	Can be added to the above gas filters with the pad retainer	6738001	20 / pcs (10 / pairs)	438
2. Bayonet Pad P2 R		6738002	20 / pcs (10 / pairs)	438
3. Bayonet Pad Retainer for P1 & P2 Pads	Reusable	6738038	12 / pcs (6 / pairs)	438

Pricing is per filter/pad/retainer/adaptor. Minimum order of 1 box

NR - Non Reusable (1 shift maximum)

R - Reusable (not limited to 1 shift)

Did you know that Dräger has an online database where you can check what the correct filter is for each hazardous substance?

http://t4.life/hazmat_voice

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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BAYONET COMBINATION AND PREFILTERS

Bayonet Combination Gas & Particle Filter

The Bayonet range of filters are for the X-plore 3000 & 5000 series of masks. The filters come vacuum sealed as pairs within a retail box.



1. Bayonet A1 P3 R D	A	P	6738874	14 / pcs (7 / pairs)	438				
1. Bayonet A2 P3 R D	A	P	6738875	14 / pcs (7 / pairs)	438				
1. Bayonet A2B2 P3 R D	A	B	6738776	12 / pcs (6 / pairs)	438				
1. Bayonet A1B1E1K1 Hg P3 R D	A	B	E	K	Hg	P	6738817	14 / pcs (7 / pairs)	438
1. Bayonet A2B2E2K2 Hg P3 R D*	A	B	E	K	Hg	P	6738819	10 / pcs (5 / pairs)	438

* Pricing is per filter. Minimum order of 1 box

R - Reusable (not limited to 1 shift)

D - Successfully passed the dolomite dust test against clogging to maintain low breathing resistance in high dust concentrations

Did you know that Dräger has an online database where you can check what the correct filter is for each hazardous substance?

http://t4.life/hazmat_voice

Dräger X-plore® 4700 Half Mask



The Dräger X-plore® 4700 is the robust half mask which offers excellent comfort and outstanding leak tightness for demanding applications. Thanks to the wide range of filters available for protection against gases, vapours and particles, it is ideally suited for use in a variety of industries.



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 4700 SERIES SINGLE FILTER MASKS

X-plore 4740 RD 40 Half Mask Series

The X-plore 4700 is best suited for applications where there is no bayonet filter option or where there is irregular use and the preference is to only buy 1 filter which is possible in the RD40 filter range. Clients who already have our X-plore 6000 range or FPS 7000 with the RD 40 connection can also benefit from having a half mask that accepts the same range of filters.



1. X-plore 4740 TPE M/L	TPE	R55876	1 / box	425
2. X-plore 4740 Si S/M	Silicone	R55875	1 / box	425
2. X-plore 4740 Si M/L	Silicone	R55874	1 / box	425
3. X-plore 4740Si EH M/L	Silicone. Elastic head harness without neck hooks	R56710	1 / box	425
4. Remote Breathing Hose	To wear RD 40 filter on the belt	R53850	1 / box	425

Spare Parts

Headharness	Complete headharness & straps	R55224	1 / box	492
Elastic Headstrap	Complete headstrap	R56723	1 / box	492
Yoke	Blue plastic front cover	R53294	1 / box	
Inhalation valve disc	Replacement inhalation valve	R53309	10 / box	492
Exhalation valve disc	Replacement exhalation valve	RM05064	10 / box	492

Si (Silicone) - Mask body material which is very gentle on skin, provides a good facial seal and a higher level of wearing comfort

TPE (thermoplastic elastomer) - Mask body material which fits well and is chemically resistant

TPE or Silicone, which one should I pick?

There are some advantages and disadvantages to both; it just depends on the application/situation. Silicone is usually not allowed in paint areas as silicone material can affect the finish of paint (causing "fish-eye"), and aggressive chemicals (e.g. hydrogen sulphide) can permeate through silicone. Because silicone is porous, you must thoroughly rinse it after disinfecting (think longer maintenance). Also, silicone is very slippery when it gets wet from sweat, thus causing it to slide around, which in turn can cause leaks. On the flip-side, silicone is very comfortable, cleans up easily due to smooth surface and holds up very well in extreme cold temperatures. TPE fits well in situations where silicone has disadvantages.

Material Characteristics	Silicone	TPE
Elasticity	1	2
Tear Strength Values	2	3
Abrasion	2	2
Tensile Strength	3	4
Heat	1	5
Flame Resistance	3	4
Flexibility when cold	1	3
Solvents	1	4
Aggressive Chemicals (eg. phosgene, H ₂ S)	5	-

1 = very good, 2 = good, 3 = acceptable, 4 = sufficient, 5 = insufficient

Dräger X-plore® 6300 Full Face Mask



The Dräger X-plore® 6300 is the efficient yet low-cost full face breathing mask intended for price-conscious users not wishing to compromise on comfort or quality. This full face mask is the successor to the Panorama Nova Standard, a mask which has proven itself over decades of use worldwide – redesigned and improved with fresh colours and an integrated bar code.



Dräger X-plore® 6530 Full-Face Mask



The Dräger X-plore® 6530 is the most widely used full face mask from professionals in a wide variety of applications. It meets the highest demands for quality, reliability, secure fit and comfort. This full face mask is the successor to the Panorama Nova masks, a range which has proven itself over decades of use worldwide.



Dräger X-plore® 6570 Full-Face Mask








The Dräger X-plore® 6570 is the high comfort silicone full face mask used by professionals in a wide variety of applications. It meets the highest demands for quality, reliability, secure fit and comfort. This full face mask is the successor to the Panorama Nova masks, a range which has proven itself over decades of use worldwide



5000 0901-118

MASKS & FILTERS

DRÄGER X-PLORE® FULL FACE MASKS OVERVIEW

Description	TWIN-FILTER FULL FACE MASKS (BAYONET CONNECTION)		SINGLE-FILTER FULL FACE MASKS (RD40 CONNECTION)		
	Dräger X-plore® 5500	Dräger X-plore® 5500	Dräger X-plore® 6300	Dräger X-plore® 6530	Dräger X-plore® 6530
					
	Dräger X-plore® 5500 EPDM / PC	Dräger X-plore® 5500 EPDM / Triplex	Dräger X-plore® 6300 EPDM / PMMA	Dräger X-plore® 6530 EPDM / PC	Dräger X-plore® 6530 EPDM / PC
Order-No.	R 55 270	R 56 655	R 55 800	R 55 795	R 51 525
Mask Body Material	EPDM / black	EPDM / black	EPDM / black	EPDM / black	EPDM / black
Lens Material	PC	Triplex	PMMA	PC	PC
Lens Frame Style	plastic / blue	metal	plastic / blue	plastic / blue	metal
Speech Diaphragm	plastic	plastic	plastic	stainless steel	stainless steel
Exhalation Valve Cover	black	black	blue	black	black
Neck Strap (PVC)	no	no	no	yes	yes
EN 136 Approval	class 2	class 2	class 2	class 3	class 3
NIOSH Approval	X	X	X	X	X
Approval for Fire Brigade	X	X		X	

Description	SINGLE-FILTER FULL FACE MASKS (RD40 CONNECTION)		
	Dräger X-plore® 6570	Dräger X-plore® 6570	Dräger X-plore® 6570
			
	Dräger X-plore® 6570 SI / PC	Dräger X-plore® 6570 SI / PC	Dräger X-plore® 6570 SI / Triplex
Order-No.	R 55 790	R 51 535	R 55 850
Mask Body Material	silicone / blue	silicone / yellow	silicone / yellow
Lens Material	PC	PC	Triplex
Lens Frame Style	plastic / black	metal	metal
Speech Diaphragm	stainless steel	stainless steel	stainless steel
Exhalation Valve Cover	black	black	black
Neck Strap (PVC)	no	no	no
EN 136 Approval	class 3	class 3	class 3
NIOSH Approval	X	X	
Approval for Fire Brigade	X		X

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 6000 SERIES SINGLE FILTER RD 40 MASKS

X-plore 6000 Full Face Mask Series - For Single Filter RD 40

The X-plore 6000 range is our traditional full face mask design. Suitable for applications within all areas of industry. Large field of vision with the Panorama-visor. No fogging by optimal air circulation. Long lifetime from high quality materials. This mask is available in different versions and can also be used in combination with powered air purifying respirators, filters, airline systems or even with compressed air breathing apparatus.



1. X-plore 6300 EPDM PMMA		R55800	1 / box	421
2. X-plore 6530 EPDM PC	Comes with Neck Strap	R55795	1 / box	421
3. X-plore 6530 EPDM PC	Comes with Neck Strap	R51525	1 / box	421
4. X-plore 6530 EPDM Triplex Glass	Comes with Neck Strap	R55810	1 / box	421
5. X-plore 6570 Si PC		R55790	1 / box	421
6. X-plore 6570 Si PC		R51535	1 / box	421
7. X-plore 6570 Si Triplex Glass		R55850	1 / box	421

Spare Parts

Headstrap EPDM	Replacement Headstrap (no buckles)	R26279	1 / box	492
Headstrap Silicone Blue	Replacement Headstrap (no buckles)	R55852	1 / box	492
Headstrap Silicone Yellow	Replacement Headstrap (no buckles)	R50282	1 / box	492
Plexiglass (PMMA) Visor	Replacement PMMA Visor	R26470	1 / box	492
Polycarbonate (PC) Visor	Replacement PC Visor	R50833	1 / box	492
Triplex Glass Visor	Replacement Triplex Glass Visor	R26989	1 / box	492
Neck Strap	PVC Neckstrap	R51772	1 / box	492

PMMA - Plexiglass

PC - Polycarbonate

Triplex (L) - Triplex Laminated Glass

EPDM - Ethylene propylene diene terpolymer

Si - Silicone

Draeger Australia & New Zealand | Subject to modifications | www.draeger.com

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 6000 SERIES SINGLE FILTER RD 40 MASKS

Material Characteristics	Plexiglass	Polycarbonate	Triplex Glass	EPDM	Silicone
Shock, impact	2	1	3		
Flection	3	1	4		
Heat	up to 80°C	up to 125 °C	up to 200°C	3	1
Abrasion	2	3	1	2	2
Agressive Chemicals (eg.phosgene, H2S)	4	3	1	1	5
Elasticity				2	1
Tear Strength Values				2	2
Tensile Strength				2	3
Flame				2	3
Flexibility when cold				2	1
Solvents				2	1

Legend - 1 = very good, 2 = good, 3 = acceptable, 4 = sufficient, 5 = insufficient

Dräger FPS® 7000 Full Face Mask

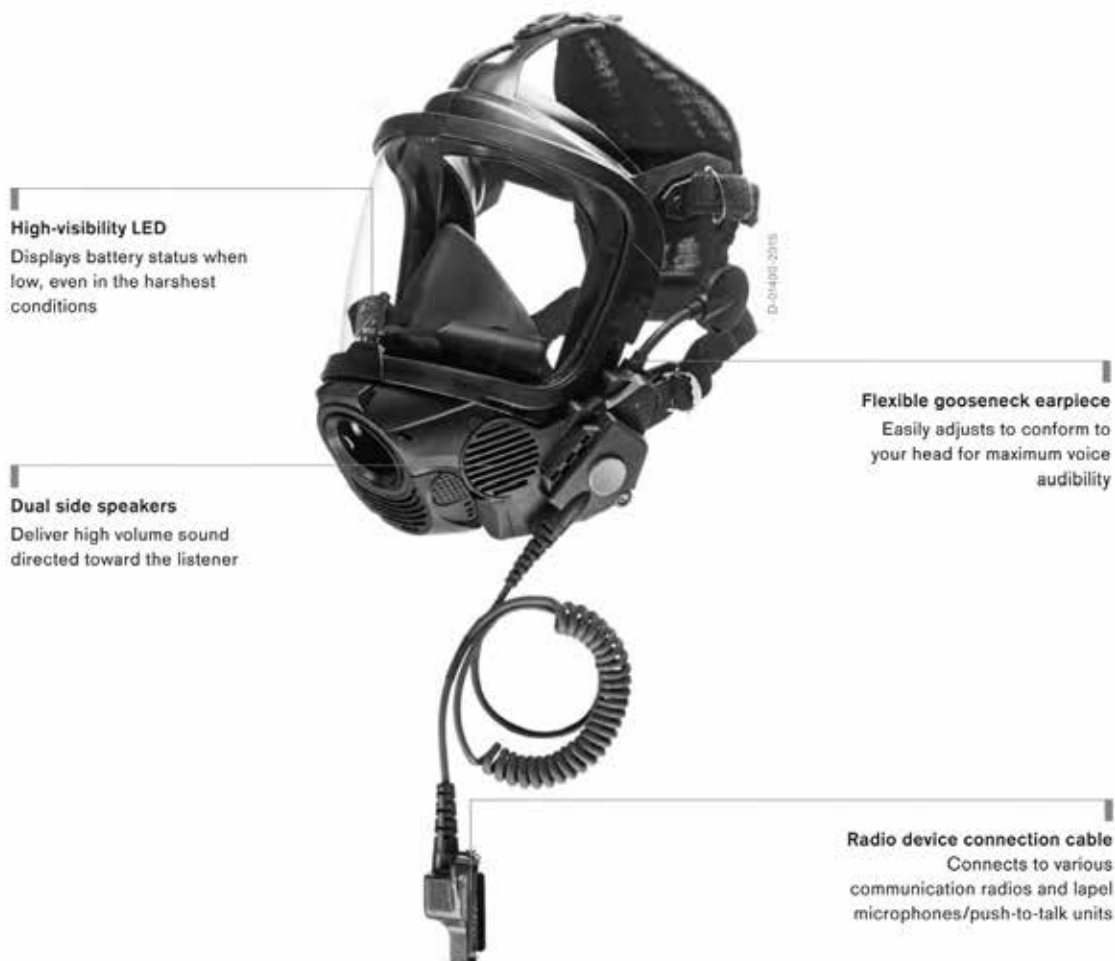


The Dräger FPS® 7000 full-face mask series sets new standards in terms of safety and wearing comfort. Thanks to its enhanced ergonomics and the availability of multiple sizes, it offers a large, optimized field of vision and a very comfortable, secure fit.



Dräger FPS®-COM 5000 Communication Unit

In an emergency, there is no time for misunderstanding. That's why Dräger developed the FPS-COM 5000 communication unit. Designed to connect seamlessly to the Dräger FPS® 7000 and FPS® 7000 RP full face masks, this proven communication unit ensures clear communication through either a voice amplifier or a radio—even in extreme conditions.



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FPS 7000 SERIES SINGLE FILTER RD40 MASKS

FPS 7000 Series - For Single Filter RD 40

The FPS 7000 is the most modern mask within the full face mask range. The modular concept incorporating S, M & L sizes of outer and inner mask ensure the best fit and wearing comfort. Mask body made of EPDM or Silicone whilst the inner mask is made of TPE. Wide field of vision through the visor made of very flexible shock- and heat-resistant polycarbonate, fixed in the glass-fibre reinforced plastic frame. No fogging by optimal air circulation. Kapton foil speech diaphragm for higher clarity speech. Neck Strap Included.



1. FPS 7000 EPDM Small	EPDM	R56502	1 / box	421
1. FPS 7000 EPDM Medium	EPDM	R56310	1 / box	421
1. FPS 7000 EPDM Medium AV	EPDM, Anti-Scratch Visor	R57823	1 / box	421
1. FPS 7000 Si Medium	Silicone	R56332	1 / box	421
1. FPS 7000 EPDM Large	EPDM	R56503	1 / box	421
1. FPS 7000 Custom Made to order *matrix required to be completed	A matrix allows the following customisations: mask body EPDM/Si, head harness EPDM/Si/ Hairnet, neck strap PVC/Elastic, Visor coatings anti-scratch/anti-fog, helmet connectors and outer and inner mask sizes S/M/L	R56415	1 / box	421

Material Characteristics	Polycarbonate	EPDM	Silicone
Shock, impact	1		
Flection	1		
Heat	up to 125 °C	3	1
Abrasion	3	2	2
Aggressive Chemicals (e.g. phosgene, H ₂ S)	3	1	5
Elasticity		2	1
Tear Strength Values		2	2
Tensile Strength		2	3
Flame		2	3

Legend - 1 = very good, 2 = good, 3 = acceptable, 4 = sufficient, 5 = insufficient

EPDM - Ethylene propylene diene terpolymer

Si - Silicone

PC - Polycarbonate

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MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FPS 7000 SERIES SINGLE FILTER RD40 MASKS

FPS 7000 Com Series - For Single Filter RD 40

The FPS 7000 Com 5000 & 7000 masks allow users to communicate via radio. The 5000 requires each person to wear an external radio which is connected to the mask via a push-to-talk button. The 7000 has an inbuilt radio in the mask so users can communicate via 'team talk' without needing an additional radio. If they want to communicate with someone not wearing a 7000 mask but with an external radio, then one user of the 7000 needs to be connected to a radio as well.



1. FPS 7000 with FPS-Com 5000 *matrix required to be completed	Radio & Voice Amplification attachment with the above options available. External radio & push-to-talk button required*	R62701	1 / box	429
1. FPS 7000 EPDM Medium with FPS-Com 5000 with Neck Strap, with external radio connection	Pre-configured version for easy ordering. Push-to-talk button required*	TBA	1 / box	
2. FPS 7000 with FPS-Com 7000 *matrix required to be completed	Radio & Voice Amplification attachment with the above options available. Radio built into mask for team talk	R61350	1 / box	
2. FPS 7000 EPDM Medium with FPS-Com 7000 with Neck Strap, no external radio connection	Pre-configured version for easy ordering	TBA	1 / box	

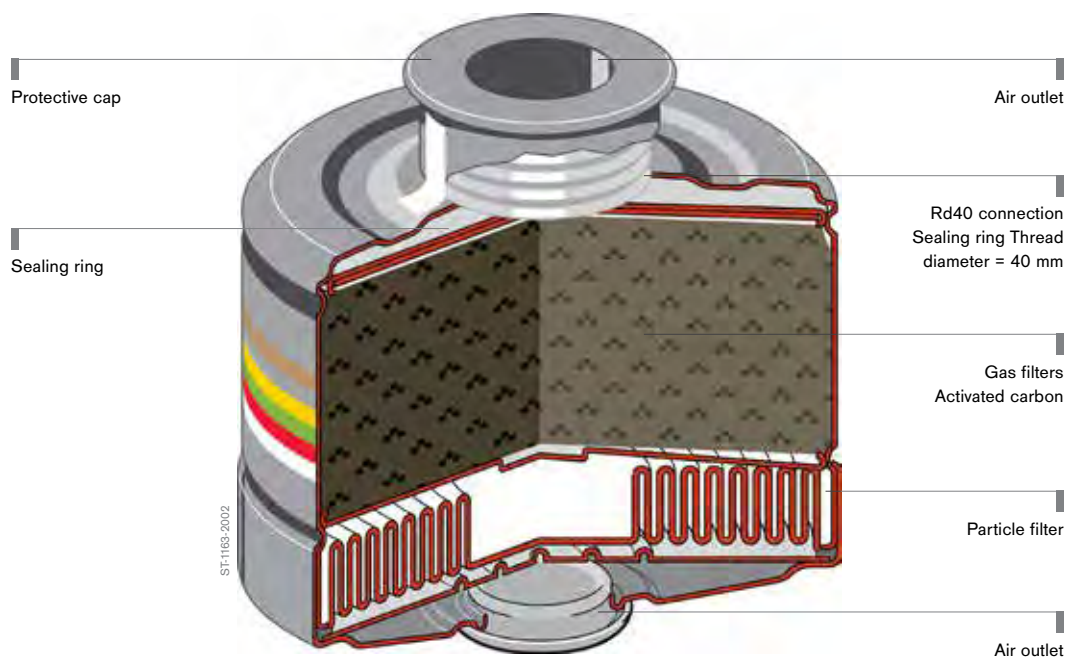
*Contact the product manager with the radio model to identify a suitable push-to-talk button

Spare Parts

Headstrap EPDM	Replacement Headstrap (no buckles)	R61071	1 / box	492
Headstrap Silicone	Replacement Headstrap (no buckles)	R54662	1 / box	492
Visor Polycarbonate	Replacement Visor	R56223	1 / box	492
Visor Polycarbonate Anti-Scratch	Replacement Visor	R56288	1 / box	492
Visor Polycarbonate Anti-Fog	Replacement Visor	R56291	1 / box	492
Neck Strap	PVC Neckstrap	R51772	1 / box	492

Dräger X-plore® Rd40 Filters

Whether used in chemical industry or automobile industry, shipbuilding, metal processing industry, or by public utility services – for decades Dräger respiratory protection filters have been a synonym for experience and safety worldwide. They clean breathable air from contaminants in a low-cost and effective manner.



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SINGLE FILTER RD 40 TYPE

RD 40 Filters

The RD 40 filter range has the largest selection of filter options. It suits the X-plore 4740, X-plore 6000 Series and FPS 7000.



RD 40 Particle Filters

1. 1140 P3 R (incinerable)		6738932	1 / box	433
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RD 40 Gas Filters

2. 940 A2	A				6738855	1 / box	431
2. 940 A2B2	A	B			6738779	1 / box	431
2. 1140 AX	AX				6738863	1 / box	431
2. 1140 AXB2*	AX	B			6738782	1 / box	431
2. 940 K2	K				6738856	1 / box	431
2. 940 A2B2E2K1	A	B	E	K	6738802	1 / box	431
2. 1140 A2B2E2K2*	A	B	E	K	6738804	1 / box	431

* For full face masks only, weight >300g

Pricing is per filter. Minimum order of 1 box

R - Reusable (not limited to 1 shift)

940 - 9cm wide filter housing, 40mm wide thread

1140 - 11cm wide filter housing, 40mm wide thread

Did you know that Dräger has an online database where you can check what the correct filter is for each hazardous substance?

http://t4.life/hazmat_voice

** Note - For Phosphine the only approved filter is A2B2.

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SINGLE FILTER RD 40 TYPE

RD 40 Filters

The RD 40 filter range has the largest selection of filter options. It suits the X-plore 4740, X-plore 6000 Series and FPS 7000.



RD 40 Gas & Particle Filters											
1. 940 A2 P2 R D	A		P	6738857	1 / box	431					
1. 1140 A2 P3 R D	A		P	6738860	1 / box	431					
1. 940 A2B2 P2 R D	A	B	P	6738780	1 / box	431					
1. 1140 A2B2 P3 R D	A	B	P	6738783	1 / box	431					
1. 1140 AX P3 R D	AX		P	6738862	1 / box	431					
1. 940 K2 P2 R D	K		P	6738858	1 / box	431					
1. 940 A2B2E2K1 P2 R D	A	B	E	K	P	6738803					
1. 1140 A2B2E2K1 Hg P3 R D	A	B	E	K	Hg	P					
1. 1140 A2B2E2K2 Hg P3 R D*	A	B	E	K	Hg	P					
1. 1140 A1B2E2K1 Hg NO CO 20 P3 R D*	A	B	E	K	Hg	NO	CO	P	6738801	1 / box	431
1. 1140 A2B2E2K2 Hg NO CO 20 P3 R D*	A	B	E	K	Hg	NO	CO	P	6738814	1 / box	431

* For full face masks only, weight >300g

Pricing is per filter. Minimum order of 1 box

R - Reusable (not limited to 1 shift)

D - Successfully passed the dolomite dust test against clogging to maintain low breathing resistance in high dust concentrations

940 - 9cm wide filter housing, 40mm wide thread

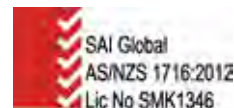
1140 - 11cm wide filter housing, 40mm wide thread

Did you know that Dräger has an online database where you can check what the correct filter is for each hazardous substance?

http://t4.life/hazmat_voice

** Note - For Phosphine the only approved filter is A2B2.

Dräger X-plore® 4700 Half Mask



The Dräger X-plore® 4700 is the robust half mask which offers excellent comfort and outstanding leak tightness for demanding applications. Thanks to the wide range of filters available for protection against gases, vapours and particles, it is ideally suited for use in a variety of industries.



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 4790 RD 90 FILTER MASKS

X-plore 4700 Half Mask Series

The X-plore 4790 is a reusable half mask designed with a 90mm filter to reduce breathing resistance and improve comfort. This range of filters can only be used on this half mask. No full face mask available.



1. X-plore® 4790 TPE M/L	TPE	R55879	1 / box	425
2. X-plore® 4790 Si S/M	Silicone	R55878	1 / box	425
2. X-plore® 4790 Si M/L	Silicone	R55877	1 / box	425
3. X-plore® 4790 Si EH S/M	Silicone. Elastic head harness without neck hooks	R56720	1 / box	425
3. X-plore® 4790 Si EH M/L		R56715	1 / box	425

Si - Silicone

TPE - Thermoplastic elastomer

TPE or Silicone, which one should I pick?

There are some advantages and disadvantages to both; it just depends on the application/situation. Silicone is usually not allowed in paint areas as silicone material can affect the finish of paint (causing "fish-eye"), and aggressive chemicals (e.g. hydrogen sulphide) can permeate through silicone. Because silicone is porous, you must thoroughly rinse it after disinfecting (think longer maintenance). Also, silicone is very slippery when it gets wet from sweat, thus causing it to slide around, which in turn can cause leaks. On the flip-side, silicone is very comfortable, cleans up easily due to smooth surface and holds up very well in extreme cold temperatures. TPE fits well in situations where silicone has disadvantages.

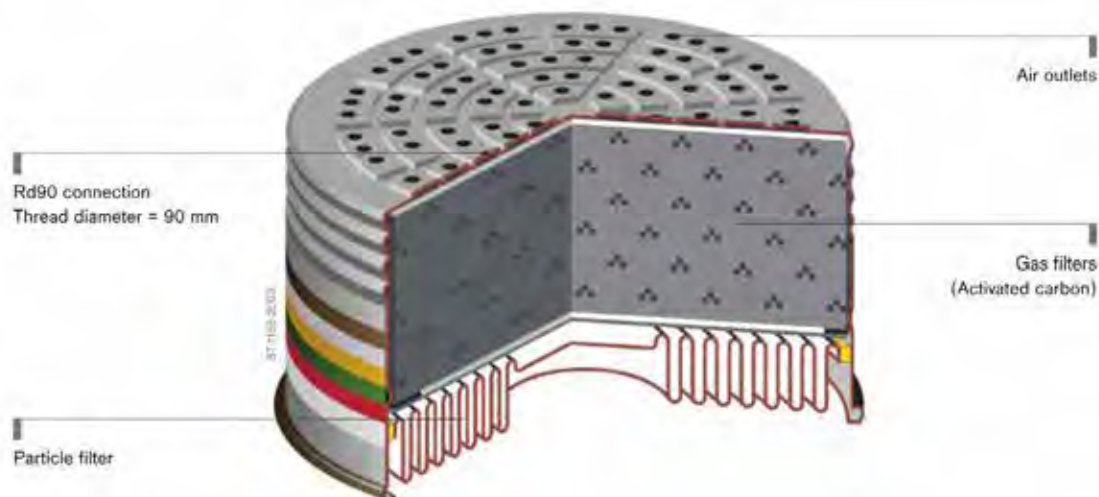
Material Characteristics	Silicone	TPE
Elasticity	1	2
Tear Strength Values	2	3
Abrasion	2	2
Tensile Strength	3	4
Heat	1	5
Flame Resistance	3	4
Flexibility when cold	1	3
Solvents	1	4
Aggressive Chemicals (eg. phosgene, H ₂ S)	5	-

1 = very good, 2 = good, 3 = acceptable, 4 = sufficient, 5 = insufficient

Dräger X-plore® Rd90 Filters



Clean air for tough jobs. The filters of the Dräger X-plore® Rd90 series protect from hazardous gases and vapors, have a long life and can be used for many different masks.



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SINGLE FILTER RD 90 TYPE

The RD 90 filter range offers the lowest breathing resistance due to the increased diameter. It suits the X-plore 4790 mask only.

RD 90 Gas Filter



RD 90 Particle Filter

1. 990 P2 R	P	6737357	5 / box	433
1. 990 P3 R	P	6737190	5 / box	433
2. 990 Prefilter	To extend the life of the main filter	6736705	50 / box	433

RD 90 Gas Filter

3. 990 A1	A		6738865	5 / box	431		
3. 990 A2	A		6738866	5 / box	431		
3. 990 A1B1E1K1	A	B	E	K	6738810	5 / box	431

RD 90 Combination Filter

4. 990 A1 P2 R D	A		P	6738867	5 / box	431			
4. 990 A2 P3 R D	A		P	6738870	5 / box	431			
4. 990 A1B1 P2 R D	A	B	P	6738774	5 / box	431			
4. 990 A2B2 P2 R D4	A	B	P	6738771	5 / box	431			
4. 990 A2B2 P3 R D	A	B	P	6738773	5 / box	431			
4. 990 B1E1 P2 R D	B	E	P	6738770	5 / box	431			
4. 990 A1B1E1K1 P2 R D	A	B	E	K	P	6738811	5 / box	431	
4. 990 A1B1E1K1 Hg P3 R D4	A	B	E	K	Hg	P	6738812	5 / box	431

Accessories

5. Filter Adaptor 40/90	Adaptor to use RD90 filters with an RD 40 mask	R55015	5 / box	431
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Pricing is per filter/adaptor. Minimum order of 1 box

R - Reusable (not limited to 1 shift)

D - Successfully passed the dolomite dust test against clogging to maintain low breathing resistance in high dust concentrations

Did you know that Dräger has an online database where you can check what the correct filter is for each hazardous substance?

http://t4.life/hazmat_voice

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Mask Cleaning & Accessories

A range of cleaning and storage accessories for half and full-face masks.

FOR X-PLORE 2100, 3000 AND 4700 SERIES



1. Wikru Storage and Transport Box	Suits half face masks, not with filter attached	RM07000	1 / box	425
2. Mask Disinfectant Wipes	For quick cleaning of masks (10pcs)	R54134	1 / box	978
3. Mask Disinfectant Wipes	For quick cleaning of masks (100pcs)	3701421	1 / tub	978

* Pricing is per item. Minimum order of 1 box

** Note - For Phosphine the only approved filter is A2B2.

For more details on wipes, mask cleaning and disinfecting solutions, refer to Page 147 (Cleaning & Disinfecting in Section 2)

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 5000 SERIES TWIN FILTER MASKS

Welding



1. Welding Attachment	For the X-plore 5500 with triplex glass visor only. Welding adaptor required.	4053437	1 / box	428
2. Welding Adaptor	Frame for the welding attachment to fit the protective welding filter/lens below	R57308	1 / box	428
3. Welding filter no 9		R55349	10 / box	462
3. Welding filter no 10		R55052	10 / box	462
3. Welding filter no 11		R55078	10 / box	462
3. Welding filter no 12		R55468	10 / box	462
3. Welding filter no 13		R55429	10 / box	462
4. Welding filter, auto-darkening	Default shade level of 3 and then changes to 11 when welding	R55353	1 / box	462
5. Welding filter, auto-darkening	Default shade level of 4 and then changes to 9-13 when welding	R57635	1 / box	462
Protective plate Outside	Polycarbonate welding filter protector	R55118	10 / box	462

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 5500 SERIES TWIN FILTER MASKS

Accessories



1. Mask Disinfectant Wipes	For quick cleaning of masks (10pcs)	R54134	1 / box	978
2. Mask Disinfectant Wipes	For quick cleaning of masks (100pcs)	3701421	1 / tub	978
3. Wikov V Transport Case	For the X-plore 5500 without filters attached	R51019	1 / box	428
4. Mask Storage Bag	Orange, proban cotton bag with velcro closer and hanging loop	3549027	1 / box	428
5. Visor covers / Lens protectors	Self-adhesive lens covers (25pcs). 1 cover attaches at a time via 2 adhesive strips	4055092	1 / box	428
6. Spectacle Frame	Insert for the X-plore Full Face Masks. Lenses to be fitted by a local optometrist	R51548	1 / box	428
7. PPE Storage Cabinet w Shelf	For the storage of masks and other PPE 580x250x580	3505113	1 / box	519
8. Klar-Pilot gel (50 ml)	Klar-Pilot prevents visors and mask spectacles from fogging even in case of extreme temperature differences.	R52560	1 / box	978

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 6000 & FPS 7000 SERIES SINGLE FILTER RD40 MASKS

Accessories



1. Mask Disinfectant Wipes	For quick cleaning of masks (10pcs)	R54134	1 / box	978
2. Mask Disinfectant Wipes	For quick cleaning of masks (100pcs)	3701421	1 / tub	978
3. Wikov V Transport Case	For the X-plore 6000 with filter attached	R51019	1 / box	428
4. Mabox 2 Transport Case	For the FPS 7000 with NO filter connected	R54610	1 / box	428
4. Mabox 1 Transport Case	For the FPS 7000 with filter connected	R53680	1 / box	428
5. Mask Storage Bag	Orange, proban cotton bag with velcro closer and hanging loop	3549027	1 / box	428
6. Visor covers / Lens protectors	X-plore only self-adhesive lens covers (25pcs). 1 cover attaches at a time via 2 adhesive strips	4055092	1 / box	428
7. X-plore Spectacle Frame	Insert for the X-plore Full Face Masks. Lenses to be fitted by a local optometrist	R51548	1 / box	428
8. FPS Spectacle Frame	Insert for the FPS Full Face Masks. Lenses to be fitted by a local optometrist	R56230	1 / box	428
9. FPS Spectacle Frame Adaptor	Allows you to use the X-plore spectacle frame inside the FPS full face mask range. PERMANENT CHANGE!	R56799	1 / box	428
10. PPE Storage Cabinet w Shelf	For the storage of masks and other PPE 580x250x580	3505113	1 / box	519
11. Klar-Pilot gel (50 ml)	Klar-Pilot prevents visors and mask spectacles from fogging even in case of extreme temperature differences.	R52560	1 / box	978
12. Klar-Pilot spray (50 ml)	Like Klar-Pilot gel, but as a spray. Especially for anti-scratch & anti-fog coated visors	R56542	1 / box	978

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 6000 & FPS 7000 SERIES SINGLE FILTER RD40 MASKS

Accessories



1. Welding Attachment	X-plore 6000 with metal visor frames only. Welding adaptor required.	4053437	1 / box	428
2. Welding Attachment	FPS 7000 only. Welding adaptor required.	R58707	1 / box	428
3. Welding Adapter	Frame for the welding attachment to fit the protective welding filter/lens	R57308	1 / box	428
4. Welding filter no 9		R55349	10 / box	462
4. Welding filter no 10		R55052	10 / box	462
4. Welding filter no 11		R55078	10 / box	462
4. Welding filter no 12		R55468	10 / box	462
4. Welding filter no 13		R55429	10 / box	462
5. Welding filter, auto-darkening	Default shade level of 3 and then changes to 11 when welding	R55353	1 / box	462
6. Welding filter, auto-darkening	Default shade level of 4 and then changes to 9-13 when welding	R57635	1 / box	462
Protective plate Outside	polycarbonate	R55118	10 / box	462

Dräger X-plore® 8000 Powered Air-Purifying Respirator (PAPR)

Workplace environments that compromise the quality of air you breathe demand reliable solutions. The Dräger X-plore® 8000 powered air-purifying respirator (PAPR) offers a new level of intuitive handling combined with intelligent electronics. The result? A high degree of safety that you and your people need to focus on the task at hand.



Intelligent alarm system
Two-level alarm design with differentiation of risk level

Lithium-ion technology
Operating time between 4 and 20 hours depending on the working conditions and system set-up

IP65 protection
Optimal protection and easy decontamination

Filter recognition
Advanced sensor technology recognizes the correct filter and displays particle filter saturation properly

Hose identification
Automatic adjustment of minimum flow rate for attached headpiece

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 8000

Powered air purifying respirator for filtration of gases, vapors and particles. Robust design for tough environments. High wearing comfort due to the ergonomic carrying system and virtually no breathing resistance.

Safe through self-explanatory operation and an intelligent alarm system. Automatic adjustment of the air flow for the headpiece connected.

In addition, manual adjustment of the airflow in three stages possible. Advanced sensor technology detects the filters used and displays the saturation of the particle filter. Wide range of tight- and loose-fitting headpieces for a variety of applications.

Approved according to EN 12941, EN 12942 and AS/NZS 1716:2012

X-plore 8500 System



A complete system consists of the following components:

- blower unit
- battery
- filter (particle, gas or combination filter)
- carrying system
- hose
- headpiece (hood, helmet, visor or mask)
- Approved according to EN 12941 (in combination with Dräger X-plore® 8000 Hoods, Helmets and Visors)
- EN 12942 (in combination with Dräger X-plore® Half and Full Face Masks, or Dräger FPS® Full Face Masks)
- Ingress Protection IP65 (dust tight, resistant to water jets from all sides)

X-plore 8700 (EX)



with EX battery is suitable for use in potentially explosive atmospheres

MASKS & FILTERS

Dräger X-plore® 8000

The system at a glance



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 8000 SERIES POWERED AIR PURIFYING RESPIRATOR (PAPR)

The Dräger X-plore 8500 is designed for use in non-hazardous areas. It utilises sensors for the filter and breathing hose to ensure safe operation at all times. It's heavy-duty design incorporates rubber protectors and it's rated to IP65 as dust proof and water resistant.

The X-plore 8000 automatically adjusts the air flow for the head piece connected and also allows a manual adjustment of the airflow in 3 stages. Advanced sensor technology detects the filters used and displays the saturation of the particle filter.

X-plore 8500 Kits



X-plore 8500 Basic Kit

- Requires breathing hose, head piece & Filter

Includes Xplore 8500, High capacity battery, charger, belt & comfort pad.

R59540

1 / box

461



X-plore 8500 Decontamination Complete Kit

Includes X-plore 8500, Standard capacity battery, charger, decon belt, breathing hose, Xplore 6300 mask and P3 filter.

R59570

1 / box

461



X-plore 8500 FPS 7000 Face Mask Kit

- *Requires filter

Includes X-plore 8500, High capacity battery, charger, belt, comfort pad, breathing hose, FPS 7000 mask.

3505090

1 / box

461



X-plore 8500 Premium Short Hood (L/XL)

- *Requires filter

Includes X-plore 8500, High capacity battery, charger, belt, comfort pad, breathing hose & premium short hood & 1 protective lens cover

3505091

1 / box

461

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
 <p>X-plore 8500 Premium Long Hood (L/XL) • Requires filter</p>	Includes X-plore 8500, High capacity battery, charger, belt, comfort pad, breathing hose & premium long hood & 1 protective lens cover	3505092	1 / box	461
 <p>X-plore 8500 Protective Visor Kit • Requires filter</p>	Includes X-plore 8500, High capacity battery, charger, belt, comfort pad, breathing hose, protective visor head piece & 1 protective lens cover	3505093	1 / box	999
 <p>X-plore 8500 Black Helmet Kit • Requires filter</p>	Includes X-plore 8500, High capacity battery, charger, belt, comfort pad, breathing hose, black helmet head piece & 1 protective lens cover	3505096	1 / box	461
 <p>X-plore 8500 White Helmet Kit • Requires filter</p>	Includes X-plore 8500, High capacity battery, charger, belt, comfort pad, breathing hose, white helmet head piece & 1 protective lens cover	3505094	1 / box	999
 <p>X-plore 8500 Welding Kit • Requires filter</p>	Includes X-plore 8500, High capacity battery, charger, welding belt, comfort pad, breathing hose, spark cover & welding helmet	3505097	1 / box	461

Most kits aren't kept in stock but the components that make them up are.
When checking for availability please check each component through customer service.

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 8000 SERIES POWERED AIR PURIFYING RESPIRATOR (PAPR)

The Dräger X-plore 8700 is designed for use in hazardous areas and is certified to IECEx. It utilises sensors for the filter and breathing hose to ensure safe operation at all times. It's heavy-duty design incorporates rubber protectors and it is rated to IP65 as dust proof and water resistant.

The X-plore 8000 automatically adjusts the air flow for the head piece connected and also allows a manual adjustment of the airflow in 3 stages. Advanced sensor technology detects the filters used and displays the saturation of the particle filter.

X-plore 8700 Kits - For use in hazardous (flammable/explosive) areas

	<p>X-plore 8700 Basic Kit</p> <ul style="list-style-type: none"> Requires breathing hose, head piece & Filter 	<p>Includes X-plore 8700, standard capacity battery, charger & belt.</p>	<p>R59990</p>	<p>1 / box</p>	<p>461</p>
	<p>X-plore 8700 Premium Kit</p> <ul style="list-style-type: none"> Requires breathing hose, head piece & Filter 	<p>Includes X-plore 8700, High capacity battery, charger, belt & comfort pad.</p>	<p>R59560</p>	<p>1 / box</p>	<p>461</p>

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 8000 FILTERS

Gas & Particle Filters

These filters suit the X-plore 8000 powered air purifying respirator only. Only 1 filter required on the X-plore 8000 at a time.



1. P2 / P3* R SL		P		6739535	1 / box	436				
2. A2		A		6739580	1 / box	436				
3. K2		K		6739585	1 / box	436				
4. A2 P2 / P3* R SL		A	P	6739545	1 / box	436				
5. A1B1E1 P2 / P3* R SL		A	B	E	P	6739550	1 / box	436		
6. A1B1E1K1 Hg P2 / P3* R SL		A	B	E	K	Hg	P	6739555	1 / box	436
7. X-plore 8000 Particle Prefilter	To extend the life of the particle & combination filters			6739730	10 / box	436				
8. X-plore 8000 Odour Filter set FOR P2 / P3 FILTER ONLY	Odour filter plus a modified splash guard/lid required to use the odour filter			6739735	1 / box	436				
9. X-plore 8000 Odour filter FOR P2 / P3 FILTER ONLY	To be used with particle filters to remove nuisance odour			6739605	10 / box	436				

*P2 when used with helmets, visors & half masks, P3 when used with full mask & hoods

Why are the X-plore 8000 particulate filters both P2 & P3?

There is no P1, P2 or P3 in the PAPR standard as it's not the efficiency of the filter that is tested, but the total inward leakage of the entire system. It doesn't matter if leakage is caused by poor efficiency of the filter or by leakage somewhere else in the system. So the final rating of the filter depends on the headpiece (tight or loose fitting). However, the filter efficiency of the X-plore 8000 particle and combination filters has been measured by an independent laboratory and has been found to exceed the P3 requirements.

R - Reusable (not limited to 1 shift)

SL - Approved for use against solid & liquid aerosols

D - Successfully passed the dolomite dust test against clogging to maintain low breathing resistance in high dust concentrations

Did you know that Dräger has an online database where you can check what the correct filter is for each hazardous substance?

http://t4.life/hazmat_voice

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MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 8000 SERIES POWERED AIR PURIFYING RESPIRATOR (PAPR)

Blower unit and accessories



1. X-plore 8500 Base Unit	Blower unit and splash guard only	R59500	1 / box	461
2. X-plore 8500 Standard Battery	Li-ion battery lasts 4 – 10 hours	R59565	1 / box	461
2. X-plore 8500 High-capacity Battery	Li-ion battery lasts 8 – 20 hours	R59585	1 / box	461
3. X-plore 8700 Base Unit	Intrinsically safe for use in potentially explosive areas	R59550	1 / box	461
2. X-plore 8700 Standard Battery	Li-ion battery lasts 4 – 10 hours	R59575	1 / box	461
2. X-plore 8700 High-capacity Battery	Li-ion battery lasts 8 – 20 hours	R59595	1 / box	461
4. Standard Charger	Charge in under 4 hours	R59780	1 / box	461
Multi-Unit Charger	1 Module with AUS power cable	R59970	1 / box	461
Multi-Unit Charger	1 Module without cable. Up to 4 modules can be connected together to charge from one power point	R59890	1 / box	461
5. Case	Plastic storage/transport case with foam cutout inner. that fits everything excluding headpiece	R59690	1 / box	980
6. Softshell Bag	Softshell carry bag for a complete set including headpiece	R58555	1 / box	980
7. Hose cover	Disposable protective cover for all hoses	R59670	10 / box	461

Spare Parts

Splash Guard	White Cover	6739725	1 / box	597
Blower O-Ring		R59631	10 / box	597

How long will each type of battery last depending on the headpiece?

Filter	Standard battery					
	Half & Full Face Masks			Hoods & Visors		
	115l/min	130l/min	145l/min	170l/min	190l/min	210l/min
P R SL	8.5 h	8 h	6.5 h	9.5 h	8 h	7 h
A2	6.5 h	5.5 h	5 h	7.5 h	6 h	5 h
K2	7 h	6 h	5.5 h	8 h	7 h	6.5 h
A2 P R SL	6 h	5 h	4.5 h	6.5 h	6h	5.5 h
A1B1E1 P R SL	6.5 h	5.5 h	5 h	7.5 h	6 h	5 h
A1B1E1K1 Hg P R SL	6 h	5 h	4.5 h	6.5 h	6 h	5.5 h

Filter	High capacity battery					
	Half & Full Face Masks			Hoods & Visors		
	115l/min	130l/min	145l/min	170l/min	190l/min	210l/min
P R SL	17 h	16 h	13 h	19 h	16 h	14 h
A2	13 h	11 h	10 h	15 h	12 h	10.5 h
K2	14 h	12 h	11 h	16 h	13 h	12.5 h
A2 P R SL	12 h	10 h	9 h	13 h	12 h	11 h
A1B1E1 P R SL	13 h	11 h	10 h	15.5 h	13.5 h	10 h
A1B1E1K1 Hg P R SL	12 h	10 h	9 h	13 h	12 h	11 h

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 8000 SERIES POWERED AIR PURIFYING RESPIRATOR (PAPR)

Carrying system



1. Standard belt	Textile belt	R59700	1 / box	461
2. Standard belt extension	Adds an additional 35cm of length	R59750	1 / box	461
3. Decon belt	Plastic belt for easy washdown	R59710	1 / box	461
4. Decon belt extension	Adds an additional 35cm of length	R59760	1 / box	461
5. Welding belt	Leather belt	R59720	1 / box	461
6. Comfort pad	Padding for belts	R59730	1 / box	461
7. Shoulder harness	Transfers weight onto shoulders	R59740	1 / box	461

Dräger X-plore® 8000 headpieces: Hoods, helmets, visors and masks

The more comfortable you are, the better you can do your job. The innovative Dräger X-plore® 8000 headpieces are an integral part of our new powered air-purifying respirator (PAPR). Both the loose- and tight-fitting series offer robust, effective protection along with a high degree of comfort.



MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 8000 HOODS, HELMETS AND VISORS

X-plore® 8000 helmets, hoods and visors are specially designed for the use with Dräger X-plore® 8500 powered air-purifying respirators as well as with the Dräger X-plore® 9300 compressed airline system. The headpieces Dräger X-plore® 8000 are characterized by a high degree of wearing comfort, a wide field of view and nearly draft-free work. A wide range of different head pieces, materials and protection levels offers the right solution for a variety of applications.

Dräger X-plore® 8000 Hoods

- The use of the hoods is recommended, if no additional face or head protection is required.
- Good, stable and comfortable fit even when user is moving due to optimized design/cut.
- The standard version is made of a very light weight material.
- The material of the Premium hoods is stronger, more resistant and also allows the cleaning and disinfection in the immersion bath.

Headpieces

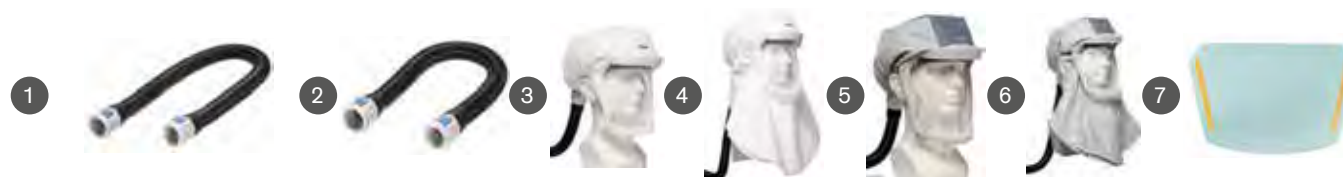
1		2		3		4				
1. Dräger X-plore® 8000	Protective visor for the combination of breathing and face protection. Hinged PC visor with a wide field of vision.	R59900	1 / box	462						
2. Dräger X-plore® 8000	Helmet with visor, black. Protective helmet with visor for areas where additional head protection and helmet liability is required.	R58325	1 / box	462						
3. Dräger X-plore® 8000	Helmet with visor, white. Protective helmet with visor for areas where additional head protection and helmet liability is required.	R59910	1 / box	462						
4. Dräger X-plore® 8000	The welding protection visor protects its wearer from sparks and splashes as well as from harmful light rays that occur during welding.	R59940	1 / box	462						

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 8000 HOODS

Headpieces & Hoses



Hoods

1. Standard breathing hose	For hoods only	R59620	1 / box	461
2. Flexible breathing hose		R59600	1 / box	461
3. Standard hood short (S/M)	For irregular use or as a disposable option. L/XL is the standard size.	R59800	1 / box	462
3. Standard hood short (L/XL)		R59810	1 / box	462
4. Standard hood long (S/M)		R59820	1 / box	462
4. Standard hood long (L/XL)		R59830	1 / box	462
5. Premium hood short (S/M)	For regular use. L/XL is the standard size.	R59840	1 / box	462
5. Premium hood short (L/XL)		R59850	1 / box	462
6. Premium hood long (S/M)		R59860	1 / box	462
6. Premium hood long (L/XL)		R59870	1 / box	462
7. Protective lens covers	For hoods only	R59663	1 / box	462
Tyvek protective hood	To wear under the short or long hood	R55354	1 / box	462

Spare Parts - Hoods

Hood Hose O-Ring	R59631	10 / box	597
Sweatband for Standard hood	R59826	10 / box	597
Sweatband for Premium hood	R59862	10 / box	597

Sizing guide for hoods

S/M - 52 cm to 59 cm

L/XL - 57 cm to 64 cm

The average human head circumference is approximately 55cm in females and 57cm in males.

Dräger X-plore® 8000 Helmets Head Pieces for PAPR and Airline Systems

Dräger X-plore® 8000 helmets provide effective mechanical head protection combined with maximum comfort. Regardless of whether you are dependent on ambient air or working independently, the helmets are an integral part of our Dräger X-plore® 8000 powered air-purifying respirator systems and Dräger X-plore® 9300 compressed air line device.

Optimal comfort

Padding on the forehead and head combined with even weight distribution for maximum comfort

Adjustable air outlet

Individually adjustable for a comfortable fit

Wide field of view

Large panoramic visor with optimal downwards and sideways visibility, including anti-fog and anti-scratch coating

Wide range of use cases

Different face seals available to suit your needs



D-24220-2020

Customised fit

Easily adjustable head harness in the helmet shell for a perfect fit

Good visibility

Reflective stickers – easy to see even in poor visibility conditions

Comprehensive range of accessories

Easy to combine with various accessories such as hearing protection

Hygienic

Suitable for machine washing and disinfection

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER X-PLORE® HEAD PIECES

Dräger X-plore® Head pieces



1. Dräger X-plore® 8000 Helmet PC visor L1Z	3710775	1 / box
2. Dräger X-plore® 8000 Helmet PC visor L2Z	3710780	1 / box
3. Dräger X-plore® 8000 Helmet PC visor L3Z	3710785	1 / box
4. Dräger X-plore® 8000 Helmet PC visor L2T2	3710790	1 / box
5. Dräger X-plore® 8000 Helmet PC visor L3T4	3710795	1 / box
6. Dräger X-plore® 8000 Helmet for hood	3710800	1 / box
6. Dräger X-plore® 8000 Bump cap for hood	3710805	1 / box

Accessories

Dräger X-plore® 8000 Hood for helmet, T4	3710774	1 / box
Dräger X-plore® 8000 Hood for helmet, T2	3710776	1 / box
Dräger X-plore® 8000 Earmuffs	3710777	1 / box
Protective cover Dräger X-plore® 8000 Hood for helmet	3710778	1 / box
Protective cover Dräger X-plore® 8000 Helmet with visor	3710779	1 / box

Spare Parts

Dräger X-plore® 8000 Helmet seal L1Z	3710781	1 / box
Dräger X-plore® 8000 Helmet seal L2Z	3710782	1 / box
Dräger X-plore® 8000 Helmet seal L3Z	3710783	1 / box
Dräger X-plore® 8000 Helmet seal L2T2	3710784	1 / box
Dräger X-plore® 8000 Helmet seal L3T4	3710786	1 / box
Dräger X-plore® 8000 PC visor for helmet	3710787	1 / box
Dräger X-plore® 8000 Rigid foam shell	3710788	1 / box
Dräger X-plore® 8000 Sweat pad for helmets	3710789	1 / box
Dräger X-plore® 8000 Comfort padding	3710791	1 / box
Dräger X-plore® 8000 Assembly clips hood for helmet	3710792	1 / box

* Approved to AS/NZS

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MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Dräger X-plore® 8000 Visor frame for helmet 37 10 793		3710793	1 / box	
Dräger X-plore® 8000 Sealing for helmet with visor 37 10 794		3710794	1 / box	
Dräger X-plore® 8000 Head harness for helmets 37 10 796		3710796	1 / box	
Dräger X-plore® 8000 Assembly clips for earmuffs		3710797	1 / box	
Dräger X-plore® 8000 Powered air purifying respirators				
Dräger X-plore® 8000 Configurator R 59 530		R59530	1 / box	
Dräger X-plore® 8500 R 59 500		R59500	1 / box	
Dräger X-plore® 8700 (EX) R 59 550		R59550	1 / box	
Dräger X-plore® 9000 Airline unit				
Dräger X-plore® 9300	Helmet & Visor	3363587	1 / box	
Dräger X-plore® 8000 Breathing hoses				
Dräger X-plore® 9300	Helmet & Visor	R59620	1 / box	
Dräger X-plore® 9300	Helmet & Visor	R59600	1 / box	

Tychem® is a registered trademark of E.I. Du Pont de Nemours and Co.

Zytec® is a registered trademark of RPB Safety, LLC.

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 8000 WELDING HELMET

Welding Helmet



1. Standard hose		R59640	1 / box	461
2. Flexible hose	for Helmets and Visors	R59650	1 / box	461
3. Welding Hose cover	Spark proof cover for hose	R59660	1 / box	461
4. Welding visor	with ADF 5-13	R59940	1 / box	462

Spare Parts - Welding Helmet

Protective plate, inner	Spare parts	R59942	1 / box	597
Protective plate, outer	Spare parts	R59943	1 / box	597
ADF 5-13 for X-plore	Spare parts	R59944	1 / box	597
Head cover	Spare parts	R59927	1 / box	597

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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X-PLORE 8000 FACE MASKS

Hoses



1. Standard hose	for Masks with Rd40 connection	R59630	1 / box	461
2. Flexible hose		R59610	1 / box	461

Half Masks - Protection level TM2

Please refer to page 248

Full Face Mask - Protection level TM3



Dräger X-plore® 6300 EPDM / PMMA	R55800	1 / box	421
Dräger X-plore® 6530 EPDM / PC	R55795	1 / box	421
Dräger X-plore® 6570 Silicone / PC	R55790	1 / box	421
Dräger FPS® 7000 EPDM-S1-PC-CR	R56502	1 / box	421
Dräger FPS® 7000 EPDM-M2-PC-CR	R56310	1 / box	421
Dräger FPS® 7000 EPDM-L2-PC-CR	R56503	1 / box	421
Dräger X-plore® 8000 Standard hose (for tight-fitting headpieces)	R59630	1 / box	461
Dräger X-plore® 8000 Flexible hose (for tight-fitting headpieces)	R59610	1 / box	461

PMMA - Plexiglass

PC - Polycarbonate

Triplex - Triplex Laminated Glass

EPDM - Ethylene propylene diene terpolymer

Si - Silicone

TPE - Thermoplastic elastomer

Please see specific product pages of the masks for additional information & spare parts

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MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FIT TESTING

Qualitative fit test kit - Bitrex



1. Qualitative fit test kit Bitrex	Kit Includes hood, 2 nebulizers, 6 ampoules fit test solution, 6 ampoules sensitivity solution and instructions. Estimate 3 to 5 fit tests per ampoule. Can be used to fit test any mask with a filter of at least P1 rating or higher.	4055625	1	425
Spare Bitrex fit test solution	Includes 6 ampoules. Estimate 3 to 5 fit tests per ampoule.	4055624	1	425
Spare Bitrex sensitivity solution	Includes 6 ampoules	4055623	1	425
Fit test hood	Only for Bitrex fit test kit.	4055650	1	425
Nebulizer	Only for Bitrex fit test kit.	4055646	1	425

Qualitative fit test kit - Irritant Smoke

2. Irritant smoke qualitative fit test kit	Kit Includes squeeze bulb, 6 smoke tubes and instructions. A hood should not be worn when performing this type of test. Estimate 6 to 8 fit tests per tube. Can be used to fit test any mask with a P3 filter.	4053844	1	425
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MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FIT TESTING

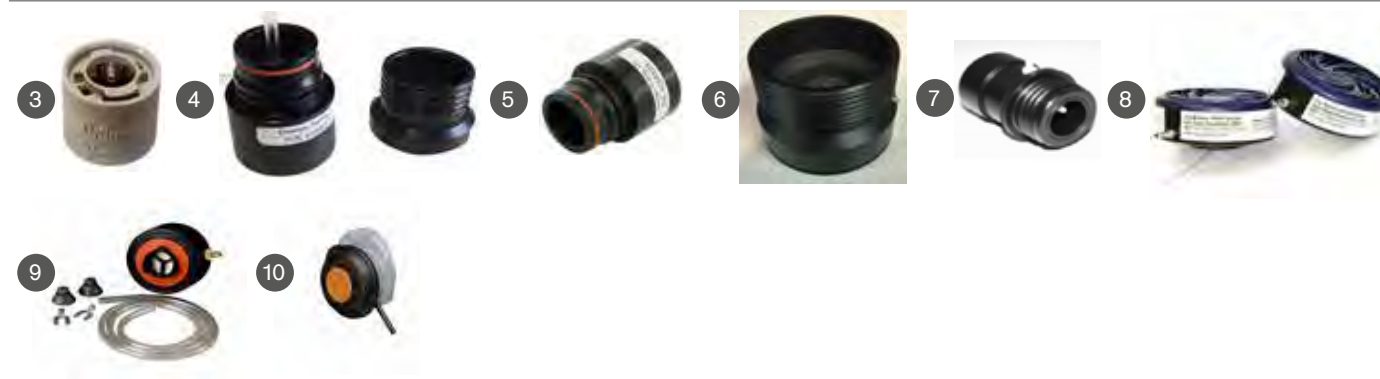
Quantitative fit test kit - PortaCount Respirator Fit Tester

The PortaCount Plus measures the particle concentration inside and outside the respirator and calculates a fit factor which is the ratio of the two measurements.



1. PortaCount Pro 8038 Respirator Fit Tester	PortaCount Pro+ 8038 with 8026 particle generator (Suitable for P1, P2 & P3 Masks)	3501211	1	055
1. PortaCount Pro 8030 Respirator Fit Tester	PortaCount Pro 8030 (P3 Masks only)	3500805	1	055
2. PortaCount Pro 8048 Respirator no tablet included	PortaCount Pro+ 8048 with 8026 particle generator (Suitable for P1, P2 & P3 Masks)	3505080	1	055
2. PortaCount Pro 8040 Respirator no tablet included	PortaCount Pro 8040 (P3 Masks only)	3505079	1	055

Portacount Fit Test Adaptor



3. Fit Test Adaptor Twin Filter Bayonet	X-plore 3000 & 5000 Series	6738979	1	425
4. Fit Test Adaptor P & RD 40	All masks with LDV or RD 40 Filter connection	4056315	1	425
5. Fit Test Adaptor P	All masks with LDV connection	4056314	1	425
6. Fit Test Adaptor RD 90	All masks with RD 90 connection	3501444	1	431
7. Fit Test Adaptor RD 40	All masks with RD 40 filter connection	3500446	1	425
8. Moldex Fit Test Adaptor	For the 7000 & 9000 Series Masks	3504054	1	425
9. 3M Fit Test Adaptor	For the 6000 & 7000 Series Masks	3503652	1	425
10. Sundstrom Fit Test Adaptor	For all Sundstrom Mask	3505125	1	999
11. Scott Refill Kit	RD40 Thread	3501757	1	055

MASKS & FILTERS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FIT TESTING

PortaCount Accessories



1. PortaCount Particle Generator	8026 particle generator	3500450	1	055
2. Alcohol Fill Capsule & Storage Cap	Replacement part	3504063	1	055
3. Twin Tube Blue/Clear	Replacement part	3504062	1	055
4. Adaptor Refill Kit	50ft Tubing, 200x suction cups & clips	3501757	1	055
5. Disposable Mask Probe Refill Kit	Pack of 500 probes	3501216	1	055
6. Alcohol Wick	Replacement Alcohol Wick	3504061	1	055
7. HEPA Filter	Replacement HEPA Filter	3500464	1	055
8. Isopropyl Alcohol	16 x 30ml bottles	3504604	1	055
9. Salt Tablets	Pack of 100 tablets	3500463	1	055
10. Portapunch FFP Probing Tool	Hole punching tool for disposable mask	3505534	1	055
11. Storage Cap	Replacement part	3502689	1	055

FIRE & GAS DETECTION SYSTEMS

CHARTS/QUICK SELECTION GUIDES

Transmitter features	311
Sensor - Transmitter Chart	312

POINT TOXIC GAS DETECTORS

Polytron 5000 Accessories & Spares	313
Polytron 5100 Transmitter & Accessories	314
Polytron 8000 Transmitter, Sensors & Accessories	317
Polytron 7000 Transmitter, Sensors & Accessories	322
Polytron 7000 Transmitter (Underground Coal Mines)	325
Polytron 3000 Transmitter, Sensors & Accessories	326
Polytron 7500 Transmitter, Sensors & Accessories	327
PIR 7200 Transmitter & Accessories	328
Polytron 5720 Transmitter & Accessories	329
Polytron 8720 Transmitter & Accessories	331

POINT EXPLOSIVE / FLAMMABLE GAS DETECTORS

PIR 7000 Transmitter & Accessories	334
Polytron 5700 Transmitter & Accessories	336
Polytron 8700 Transmitter & Accessories	339
PIR 3000 Transmitter & Accessories	343
Polytron 5310 Transmitter & Accessories	344
Polytron 8310 Transmitter & Accessories	346
PEX 3000 Transmitter, Sensors & Accessories	348
Polytron 5200 Transmitter & Accessories	349
Polytron 8200 Transmitter & Accessories	351
Spare Catalytic Sensors	355

ULTRASONIC GAS LEAK DETECTOR (UGLD)

Polytron 8900 UGLD	356
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CONTROL SYSTEMS

REGARD 7000	357
RVP 7000	359
REGARD Rack Control System & Accessories	360
REGARD 3920	362
REGARD 3900	364
REGARD 3910	366
REGARD 3000	367

SAFE AREA DETECTOR & CONTROLLER

Variogard Controller	370
Variogard Transmitter	371
Polytron 2000	373
REFRIGERANT & SF6 TRANSMITTER	374
PointGard 2100 & Accessories	377
PointGard 2200 & Accessories	379
PointGard 2700 & Accessories	380
PointGard 2720 & Accessories	382

OPEN PATH GAS DETECTORS

Pulsar Standard	383
Pulsar Duct	383
Polytron Pulsar 7000	384
Accessories	385
MetCam	386
Open Path Toxic Gas Detectors	387

FLAME DETECTORS

Flame Detector Features	390
Flame 1500 Triple IR Flame Detector	391
Flame 3000 Visual Flame Detector	392
Flame 5000 Visual Flame Detector	393
Spectrex SharpEye Flame Detectors & Accessories	394
Dräger Flame 2500 / Spectrex 40/40 i	395
Dräger Flame 2700 / Spectrex 40/40 M	395
Dräger Flame 2350	396
Dräger Flame 2370	396
Dräger Flame 2100	396
Dräger Flame 2000 / Spectrex 40/40 R	397

3RD PARTY EQUIPMENT

Chemlogic Analyser (For parts per billion - PPB ranges)	398
Audio / Visual Alarms	399
Gas Sampling Systems - SAM 3100/3200	402
VOC Gas Detectors	405

WIRELESS GAS DETECTION SOLUTIONS

GasSecure Wireless Detector GS01	407
Polytron 6100 EC WL (wireless Toxic & Oxygen)	409
Yokogawa Gateways, Access Point & Repeaters	411

FGDS SOFTWARE & TOOLS

Polysoft Premium	412
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PROJECT ESSENTIALS

Tags, Plugs & Glands	413
Sampling Systems Accessories	413
Flame Detectors	413
FGDS Pre-Sales Services	414

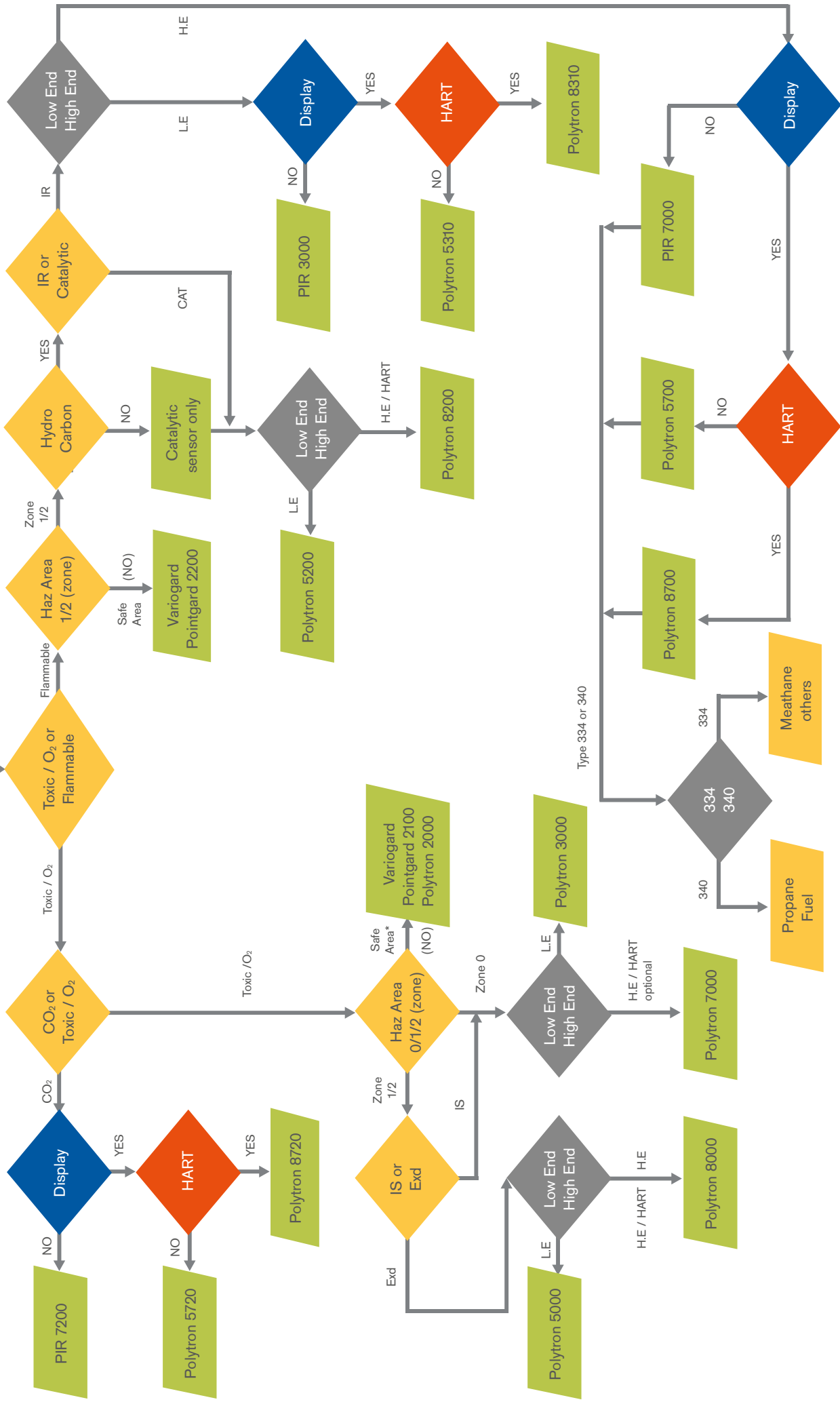
ACCESSORIES

Calibration Accessories	414
General Accessories	415
Selective Filters	417
Polytron 5000/8000 Spare Parts & Accessories	417

ABBREVIATIONS

Abbreviations	420
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WHAT GASSES WOULD YOU LIKE TO DETECT?



Abbreviations
IS Intrinsically Safe **Exd** Flame Proof **SC** Semi-conductor **CAT** Catalytic
IR Infra Red **HC** Hydro Carbon **LE** Low End Detector **HE** High End Detector

* Hazardous Area 0/1/2 (zone) - Certified equipment can be used in safe areas.

Colour Key
■ Gas type ■ Product ■ Display ■ Hart ■ Low or High End

FIRE & GAS DETECTION SYSTEMS

TRANSMITTER FEATURES

DETECTORS

FEATURES	Polytron 2 Xp Ex	Polytron Fx	Polytron 5200	Polytron 8200	Polytron 5200 LC	Polytron 8200 LC	Polytron Tx	Polytron 5000	Polytron 2 Xp Tox	Polytron 3000	Polytron 7000	Polytron 7500	Polytron 5100	Polytron 8000 (8100)	Polytron 2 Xp Ex IR	Polytron 5310	Polytron 8310	PIR 3000	PIR 7000	Polytron 5700	Polytron 8700	PIR 7200	Polytron 5720	Polytron 8720
Gases Detected	F	F	F	F	F	F	T/O	T/O	T/O	T/O	T/O	T	T/O	T/O	F	F	F	F	F	F	F	CO2	CO2	CO2
Sensor - Electro Chemical	-	-	-	-	-	-	X	X	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-
Sensor - Catalytic	X	X	X	X	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sensor - Infra red	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	X	X	X	X	X	X
Remote Sensor Option	-	-	X	X	X	X	-	-	-	-	X	-	X	X	-	X	X	-	-	X	X	-	X	X
Display	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	-	-	X	X	-	X	X
4 TO 20 mA output	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Relays	O	-	O	O	O	O	-	-	O	-	O	O	O	O	O	O	O	-	-	O	O	-	O	O
HART	X	-	-	X	-	X	-	-	X	-	O	-	-	X	X	-	X	-	X	-	X	X	-	X
Flame-proof - Ex d	X	X	X	X	X	X	X	X	X	-	-	-	X	X	X	X	X	X	X	X	X	X	X	X
Intrinsically Safe - Ex ia	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-
Approvals - IEC Ex	-	-	X	X	X	X	-	X	-	X	X	-	X	X	-	X	X	X	X	X	X	X	X	X
Approvals - ATEX	X	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
SIL 2	-	-	-	X	-	-	-	-	-	-	X	-	-	X	-	-	-	-	X	-	X	X	-	X
Low End Models	-	X	X	-	X	-	X	X	-	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mid End Models	-	-	-	-	-	-	-	-	-	-	-	-	X	-	X	x	X	x	-	-	-	-	-	-
High End Models	X	-	-	X	-	X	-	-	X	-	X	X	-	X	-	-	-	-	X	X	X	X	X	X
Hazardous Areas 0,1 & 2	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-
Hazardous Areas 1 & 2	X	X	X	X	X	X	X	X	X	X	X	-	X	X	X	X	X	X	X	X	X	X	X	X
Safe Area Only	-	-	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-	-	-	-	-	-	-
Diagnostic Dongle (EC Sensor)	-	-	-	-	-	-	-	-	-	-	x	x	-	x	-	-	-	-	-	-	-	-	-	-
Calibration Config Tool	D	M	M	M	M	M	M	M	D	D	D	D	M	M	D	M	M	M	M	M	M	M	M	M
	Obsolete - Replace with Polytron 8200	Obsolete - Replace with Polytron 5200			0 - 10% LEL only	0 - 10% LEL only	Obsolete - Replace with Polytron 5100	Obsolete - Replace with Polytron 5100	Obsolete - Replace with Polytron 8000 (8100)			Obsolete - No Replacement			Obsolete - Replace with Polytron 8310									

Abbreviations

F: Flammable T: Toxic O: Oxygen CO2: Carbon Dioxide Optional Relays O: Optional X: Standard D: Display M: Magnet

FIRE & GAS DETECTION SYSTEMS

SENSOR - TRANSMITTER CHART

NAME	PART NR.	RANGE	Polytron 1 Obsolete Replace with Polytron 3000	Polytron 2 Obsolete Obsolete Replace with Polytron 7000	Polytron 3000	Polytron 7000 Polytron 8000 * PointGard 2100	Polytron 5100	Polytron 5000 Obsolete Replace with Polytron 5100	Polytron Tx Obsolete Replace with Polytron 5100	Polytron 2 Xp Tox Obsolete Replace with Polytron 8000	Pyrolizer (Obsolete) * Polytron 7500	Polytron L Obsolete Replace with Polytron 7000/8000 with C12/Acid Sensor	Product Group
Acid (AC)	6810595	0 - 30 ppm		X	X	X				X			367
CL2	6809665	0 - 50 ppm	X	X	X	X	X	X	X	X			367
CO	6809605	0 - 1000 ppm	X	X	X	X	X	X	X	X			367
CO LS	6809620	0 - 5000 ppm	X	X	X	X				X			367
CO LH	6812570	0 - 300 ppm				X				X			367
COCl2	6809930	0 - 20 ppm		X		X				X			367
H2	6809685	0 - 3000 ppm	X	X	X	X	X			X			367
H2O2 HC	6809675	0 - 7000 ppm		X		X				X			367
H2O2 LC	6809705	0 - 50 ppm		X		X	X	X		X			367
H2S	6810435	0 - 100 ppm		X	X	X	X	X		X			367
H2S HC	6809710	0 - 1000 ppm	X	X		X	X	X		X			367
H2S LS	6809610	0 - 100 ppm	X	X		X	X	X	X	X			367
HCL	6809640	0 - 100 ppm		X		X				X			367
HCN	6809650	0 - 50 ppm	X	X		X				X			367
HCN - LC	6813200	0 - 50 ppm				X				X			367
Hydrazine	6810180	0 - 5 ppm		X	X	X				X			367
Hydride	6809635	0 - 20 ppm		X	X	X				X			367
Hydride-SC	6809980	0 - 1 ppm		X	X	X				X			367
NH3 HC	6809645	0 - 1000 ppm	X	X	X	X	X	X		X			367
NH3 LC	6809680	0 - 200 ppm	X	X	X	X	X	X	X	X			367
NH3 TL	6813095	0 - 300 ppm				X	X						367
NH3 FL	6813260	0 - 300 ppm				*							367
NH3 TH	6800055	0 - 1000 ppm				X							367
NO	6809625	0 - 200 ppm	X	X	X	X	X	X		X			367
NO2	6809655	0 - 100 ppm	X	X	X	X	X	X	X	X			367
NO2 - LC	6813205	0 - 20 ppm				X							367
O2	6809720	0 - 100 vol. %	X	X	X	X				X			367
O2 LS	6809630	0 - 25 vol. %	X	X	X	X	X	X	X	X			367
OV	6809615	0 - 50 ppm	X	X	X					X			367
OV 1	6810740	0 - 300 ppm	X	X	X	X	X	X		X			367
OV 2	6810745	0 - 100 ppm		X		X				X			367
Ozone	6814005	0 - 5 ppm		X	X	X				X			367
PH3/AsH3	6809695	0 - 20 ppm		X		X	X			X			367
SO2	6809660	0 - 100 ppm	X	X	X	X	X	X	X	X			367
CL2 - L	6809370	0 - 50 ppm										X	367
HF/HCL/BF3	6809360	0 - 20 ppm										X	367
NF3	6811125	0 - 50 ppm									X		367
PFC	6811120	2 - 30 ppm									X		367
C5F8	6810500	0 - 1000 ppm									X		367

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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TOXIC GAS DETECTORS

**Obsolete - Replaced with Polytron 5100**

Transmitter with Electro-chemical Sensors for the detection of Oxygen, Toxic gases & vapours.

Output: 4 - 20 mA

Explosion Proof (Flame Proof) Ex d

2-wire, input: 10 to 32 VDC

Requires Transmitter + Electro-Chemical Sensor

* Special conditions apply (See datasheet)

** sensors to be used with general purpose transmitter 4544165 only.

Cable entry thread is 3/4" NPT

Polytron 5000 (IEC Ex Approved)			
Sensors for Polytron 5000			
Dräger Sensor O2 LS (Range: 0 - 25 Vol%)	6809630	1	367
Dräger Sensor CO (Range: 0 - 500 PPM)	6809605	1	367
Dräger Sensor H2S (Range: 0 - 100 PPM)	6810435	1	367
Dräger Sensor H2S LC (Range: 0 - 100 PPM)	6809610	1	367
Dräger Sensor H2S HC (Range: 0 - 500 PPM)	6809710	1	367
Dräger Sensor Cl2 (Range: 0 - 50 PPM)	6809665	1	367
Dräger Sensor NH3 HC (Range: 0 - 500 PPM)	6809645	1	367
Dräger Sensor NH3 LC (Range: 0 - 100 PPM)	6809680	1	367
Dräger Sensor NO LC (Range: 0 - 100 PPM)	6809625	1	367
Dräger Sensor NO2 (Range: 0 - 100 PPM)	6809655	1	367
Dräger Sensor SO2 (Range: 0 - 100 PPM)	6809660	1	367
Dräger Sensor OV1 (Range: 0 - 100 PPM)	6810740	1	367
Dräger Sensor H2O2 LC (Range: 0 - 100 PPM)	6809705	1	367
Accessories			
Magnet With Key Chain,P5000/8000	4544101	1	348
Calibration Adapter	4509314	1	348
Pipe Mount Kit	4544198	1	348
Duct Mount Kit	6812725	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Transmitter with Electro-chemical Sensors for the detection of Oxygen, Toxic gases & vapours.

Output: 4 - 20 mA

Explosion Proof (Flame Proof) Ex d

2-wire, input: 18 to 30 VDC (Non Relay operation / No Backlight)

3-wire, input: 10 to 30 VDC (Relay/Back-light)

Requires Transmitter + Electro-Chemical Sensor

Remote Sensor Option requires - EC Sensing head w/bracket + Cable

Options - Relays (2 x Alarm Relays / 1 x Fault)

Cable entry thread is 3/4" NPT

Polytron 5100 (IEC Ex Approved) Transmitters			
Polytron 5100 d A 4-20mA	8344860	1	370
Polytron 5100 d A 4-20mA/Relays	8344121	1	370
Polytron 5100 d S 4-20mA	8344862	1	370
Polytron 5100 d S 4-20mA/Relays	8344123	1	370
Remote sensor option for Polytron 5100 EC Sensors. Remote Sensor Option requires - EC Sensing head w/bracket + Cable			
EC sensing head remote with mounting bracket	6812684	1	372
Cable and plug, 16 ft (5 m)	8323305	1	348
Cable and plug, 49 ft (15 m)	8323315	1	348
Cable and plug, 98 ft (30 m)	8323330	1	348
Sensors			
Dräger Sensor AC (Range: 0 - 30 PPM)	6810595	1	367
Dräger Sensor Cl2 (Range: 0 - 50 PPM)	6809665	1	367
Dräger Sensor CO (Range: 0 - 500 PPM)	6809605	1	367
Dräger Sensor CO LS (Range: 0 - 5000 PPM)	6809620	1	367
Dräger Sensor CO LH (Hydrogen compensated)	6812570	1	367
Dräger Sensor Phosgene - COCl2 (Range: 0 - 20 PPM)	6809930	1	367
Dräger Sensor H2 (Range: 0 - 500 PPM)	6809685	1	367
Dräger Sensor H2O2 LC (Range: 0 - 50 PPM)	6809705	1	367
Dräger Sensor H2S (Range: 0 - 100 PPM)	6810435	1	367
Dräger Sensor H2S HC (Range: 0 - 500 PPM)	6809710	1	367
Dräger Sensor H2S LC (Range: 0 - 100 PPM)	6809610	1	367
Dräger Sensor HCN LC (Range: 0 - 50 PPM)	6813200	1	367

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FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Dräger Sensor Hydride	6809635	1	367
Dräger Sensor N2 H4	6810180	1	367
Dräger Sensor NH3 HC (Range: 0 - 500 PPM)	6809645	1	367
Dräger Sensor NH3 LC (Range: 0 - 300 PPM)	6809680	1	367
Dräger Sensor NH3 TL (Range: 0 - 300 PPM)	6813095	1	367
Dräger Sensor NO LC (Range: 0 - 100 PPM)	6809625	1	367
Dräger Sensor NO2 (Range: 0 - 100 PPM)	6809655	1	367
Dräger Sensor NO2 LC	6813205	1	367
Dräger Sensor O2	6809720	1	367
Dräger Sensor O2 LS (Range: 0 - 25 Vol%)	6809630	1	367
Dräger Sensor OV1 (Range: 0 - 100 PPM)	6810740	1	367
Dräger Sensor OV 2	6810745	1	367
Dräger Sensor SO2 (Range: 0 - 100 PPM)	6809660	1	367
Accessories			
Magnet With Key Chain,P5000/8000	4544101	1	348
IRDA Interface Assembly	4544197	1	348
Splash Guard (not compatible with all sensors)	6812510	1	348
Remote calibration adapter Polytron 3000, 5100/7000, 8000	6807955	1	348
Process Adapter RS EC Stainless Steel (e.g. Pharma industry)	8323404	1	348
Calibration Adapter Viton	6810536	1	348
Gassing Adapter	6806978	1	348
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222
Duct Adapter for EC Sensing Head Remote (min 10 cm diameter)	8317617	1	348
Duct Mount Kit Polytron 5x00/8x00 non IR	6812725	1	348
Pole Mount Kit Polytron 5xx0/8xx0	4544198	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Configurable Part Numbers (Polytron 5000 & 8000 Family)

Configurable Part Number for 5000 Family (5100/5200/5310/5700/5720) – 8344500

Step 1 – Select base transmitter without sensor

Step 2 – optional Select Exe versions with or without relays – Ignore this step for Exd (default Exd)

Step 3 – optional (add Relay for Exe or Exd version with Relays) – ignore this step non-relay version
Or Optional for Polytron 8100 – Bus System (no relays possible)

Step 4 – optional (select Stainless Steel) – ignore this step Aluminium versions

For Price – Add price for each step & option selected above.

Polytron 5100 (configurator)		
Ex d Aluminum Base Transmitter w/o Sensor		
Polytron 5100 d A 4-20mA Base Transmitter	PR00925	370
Housing Classification (optional: select one only)		
Ex e Version w/o Docking Station (spare Transmitter) (w/o charge)		
Ex e Version w/ Docking Station w/o Relays	PR00921	370
Ex e Version w/ Docking Station for Relay Option Interface	PR00922	370
Interfaces (optional)		
Relay Option (3 relays)	PR00895	370
Housing Material (optional)		
Stainless Steel 316L	PR00894	370

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Universal transmitter for all electrochemical Dräger Sensors for detection of oxygen & Toxic gases. Can be installed as stand alone device with built in Relays. Diagnostic menu similar to Polytron 2/Polytron 7000. Only fixed gas detector with option of built in relay with Explosion protection (Ex d).



Sensor connection is Intrinsically Safe.
 Output: 4 - 20 mA, HART, RS 485
 Multi-drop capability (up to 8 per loop)
 Self-diagnostics of transmitter and Sensor
 Explosion Proof (Flame Proof) Ex d
 3-wire, input: 10 to 32 VDC
 optional Relays output: A1, A2 , Fault
 Remote sensor using remote sensor housing
 Dongles: Diagnostic, Data, Sensor test and combination

Requires Transmitter + Sensor

E Version Transmitter requires E-Box (power only or power/relay)

optional Relays with alarm outputs: A1, A2 , Fault

Remote Sensor Option requires - EC Sensing head w/bracket + Cable

Cable entry thread is 3/4" NPT

For configurable part number pricing, check under Configurable Part numbers.

Polytron 8000 Ex d (Approval IEC Ex, ATEX, UL, CSA) with HART, SIL 2 (IEC61508) Transmitters			
Ex d Versions			
Polytron 8100 d A 4-20/HART	8344403	1	372
Polytron 8100 d A 4-20/HART relay	8344404	1	372
Polytron 8100 d S 4-20/HART	8344412	1	372
Polytron 8100 d S 4-20/HART relay	8344413	1	372
Ex e Versions (require appropriate E-Box for complete set) /(For remote sensing, add remote option)			
Polytron 8100 e A 4-20/HART	8344421	1	372
Polytron 8100 e A 4-20/HART relay	8344422	1	372
Polytron 8100 e S 4-20/HART	8344430	1	372
Polytron 8100 e S 4-20/HART relay	8344431	1	372
E-Box Power only version Docking Station	6812420	1	348
E-Box Power/Relay/Remote version Docking Station	6812275	1	348
Remote sensor option for Polytron 8000 EC Sensors. Remote Sensor Option requires - EC Sensing head w/bracket + Cable			
EC sensing head remote with mounting bracket	6812684	1	372
Cable and plug, 16 ft (5 m)	8323305	1	348
Cable and plug, 49 ft (15 m)	8323315	1	348
Cable and plug, 98 ft (30 m)	8323330	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Accessories			
Magnet With Key Chain,P5000/8000	4544101	1	348
IRDA Interface Assembly	4544197	1	348
Process Adapter RS EC Stainless Steel (e.g. Pharma industry)	8323404	1	348
Splash Guard (not compatible with all sensors)	6812510	1	348
Calibration Adapter Viton	6810536	1	348
Gassing Adapter	6806978	1	348
Remote calibration adapter-Polytron 3000, 5100/7000, 8000	6807955	1	348
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222
Duct Adapter for EC Sensing Head Remote (min 10 cm diameter)	8317617	1	348
Duct Mount Kit Polytron 5x00/8x00 non IR	6812725	1	348
Pole Mount Kit Polytron 5x0/8x0	4544198	1	348
Dongles			
Sensor Diagnostics Dongle	8317860	1	347
Sensor Test Dongle	8317619	1	347

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Configurable Part Numbers (Polytron 5000 & 8000 Family)

Configurable Part Number for 8000 Family (8100/8200/8310/8700/8720) – 8344800

Step 1 – Select base transmitter without sensor

Step 2 – optional Select Exe versions with or without relays – Ignore this step for Exd (default Exd)

Step 3 – optional (add Relay for Exe or Exd version with Relays) – ignore this step non-relay version
Or Optional for Polytron 8100 – Bus System (no relays possible)

Step 4 – optional (select Stainless Steel) – ignore this step Aluminium versions

For Price – Add price for each step & option selected above.

Dräger Polytron 8100 Transmitter Configurator			
Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8100 d A 4-20mA/HART Base Transmitter	PR00889	1	372
Housing Classification (optional: select one only)			
Ex e Version w/o Docking Station (spare Transmitter) (w/o charge)			
Ex e Version w/ Docking Station w/o Relays	PR00921	1	370
Ex e Version w/ Docking Station for Relay Option Interface	PR00922	1	370
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923	1	372
Interfaces (optional: select one only) - Bus Systems have no option for Relays.			
Relay Option (3 relays)	PR00895	1	370
Profibus PA (replaces 4-20/HART, no relay)	PR00896	1	370
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897	1	370
Modbus RTU (replaces 4-20/HART, no relay)	PR00898	1	370
Housing Material (optional)			
Stainless Steel 316L	PR00894	1	370

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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LS: Long Term Stable
 LH: Hydrogen Compensation (only for CO)
 LC: Low Concentration
 LH: High Concentration
 SC: Semi-conductor Industry

Ranges of Sensors detecting multiple gases may vary for various gases. Please check individual IFU for information.

Electro Chemical Sensors			
Dräger Sensor AC (Range: 0 - 30 PPM)	6810595	1	367
Dräger Sensor Cl2 (Range: 0 - 50 PPM)	6809665	1	367
Dräger Sensor CO (Range: 0 - 1000 PPM)	6809605	1	367
Dräger Sensor CO LS (Range: 0 - 5000 PPM)	6809620	1	367
Dräger Sensor CO LH (Hydrogen compensated)	6812570	1	367
Dräger Sensor Phosgene - COCl2 (Range: 0 - 20 PPM)	6809930	1	367
Dräger Sensor H2 (Range: 0 - 3000 PPM)	6809685	1	367
Dräger Sensor H2O2 HC (Range: 0 - 7000 PPM)	6809675	1	367
Dräger Sensor H2O2 LC (Range: 0 - 50 PPM)	6809705	1	367
Dräger Sensor H2S (Range: 0 - 100 PPM)	6810435	1	367
Dräger Sensor H2S HC (Range: 1000 PPM)	6809710	1	367
Dräger Sensor H2S LC (Range: 0 - 100 PPM)	6809610	1	367
Dräger Sensor HCl (Range: 0 - 100 PPM)	6809640	1	367
Dräger Sensor HCN (Range: 0 - 50 PPM)	6809650	1	367
Dräger Sensor HCN LC (Range: 0 - 50 PPM)	6813200	1	367
Dräger Sensor Phosphine - PH3 (Range: 0 - 20 PPM)	6809695	1	367
Dräger Sensor Hydride (Range: 0 - 20 PPM)	6809635	1	367
Dräger Sensor Hydride SC (Range: 0 - 1 PPM)	6809980	1	367
Dräger Sensor Hydrazine - N2H4 (Range: 0 - 5 PPM)	6810180	1	367
Dräger Sensor NH3 HC (Range: 0 - 1000 PPM)	6809645	1	367
Dräger Sensor NH3 LC (Range: 0 - 100 PPM)	6809680	1	367
Dräger Sensor NH3 TL (Range: 0 - 300 PPM)	6813095	1	367
Dräger Sensor NH3 FL (Range: 0 - 300 PPM)	6813260	1	367
Dräger Sensor NH3 TH (Range: 0 - 10000 PPM)	6800055	1	367
Dräger Sensor NO LC (Range: 0 - 200 PPM)	6809625	1	367
Dräger Sensor NO2 (Range: 0 - 100 PPM)	6809655	1	367
Dräger Sensor NO2 LC (Range: 0 - 20 PPM)	6813205	1	367

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FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Dräger Sensor O2 (Range: 0 - 100 Vol. %)	6809720	1	367
Dräger Sensor O2 LS (Range: 0 - 25 Vol. %)	6809630	1	367
Dräger Sensor Ozone -O3 (Range: 0 - 5 PPM)	6814005	1	367
Dräger Sensor OV1 (Range: 0 - 300 PPM)	6810740	1	367
Dräger Sensor OV2 (Range: 0 - 100 PPM)	6810745	1	367
Dräger Sensor SO2 (Range: 0 - 100 PPM)	6809660	1	367

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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TOXIC GAS DETECTORS



Universal Intrinsically safe Transmitter with Display for detection of Toxic gases & Oxygen. Diagnostic menu & features for predictive maintenance and safety functions (SIL2 Verified if Included with Diagnostic Dongle). Option of duct mounting kit, Pipe mounting Kit, remote sensor and (non-Ex) Relay & pump.

Requires Polytron 7000 + Docking Station + Sensor

Polytron 7000 with Relays require Cable connector Part # 1890086.

Note: LON Bus Protocol available on request

Remote Sensor Option requires - Remote Sensor Adapter + Cable

Polytron 7000 (IEC Ex & ATEX Approved) Transmitters			
Docking Station (required for each transmitter)	8317990	1	347
Polytron 7000 Display 4-20mA	8317610	1	347
Polytron 7000 Display 4-20mA HART	8317710	1	347
Polytron 7000 Display PB, with Profibus Module	8319430	1	347
Polytron 7000 Display FB, with Foundation Fieldbus Module	8319440	1	347
Safety Barrier Zone 2	8323873	1	340
Polytron 7000 below with Pumps (For safe area installation only) Transmitters			
Polytron 7000 Display 4-20mA with Pump	8317637	1	347
Polytron 7000 Display 4-20mA HART with Pump	8317777	1	347
Polytron 7000 Display PB, with Profibus Module with Pump	8319436	1	347
Polytron 7000 Display FB, with Foundation Fieldbus Module & Pump	8319437	1	347
Polytron 7000 below with Relays require cable connector - Part # 1890086 (For safe area installation only) Transmitters			
Polytron 7000 Display 4-20mA with Relay	8317636	1	347
Polytron 7000 Display 4-20mA HART with Relay	8317776	1	347
Polytron 7000 Display PB, with Profibus Module with Relay	8319427	1	347
Polytron 7000 Display FB, with Foundation Fieldbus Module & Relay	8319428	1	347
Polytron 7000 below with Relays & Pump require cable connector - Part # 1890086 (For safe area installation only) Transmitters			
Polytron 7000 Display 4-20mA with Relay & Pump	8317638	1	347
Polytron 7000 Display 4-20mA HART with Relay & Pump	8317778	1	347
Polytron 7000 Display PB, with Profibus Module with Relay & Pump	8319438	1	347
Polytron 7000 Display FB, with Foundation Fieldbus Module + Relay & Pump	8319439	1	347

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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LS: Long Term Stable
 LH: Hydrogen Compensation (only for CO)
 LC: Low Concentration
 LH: High Concentration
 SC: Semi-conductor Industry

Ranges of Sensors detecting multiple gases may vary for various gases. Please check individual datasheets for information.

Electro Chemical Sensors			
Dräger Sensor Acidic Compound AC (Range: 0 - 30 PPM)	6810595	1	367
Dräger Sensor Cl ₂ (Range: 0 - 50 PPM)	6809665	1	367
Dräger Sensor CO (Range: 0 - 1000 PPM)	6809605	1	367
Dräger Sensor CO LS (Range: 0 - 5000 PPM)	6809620	1	367
Dräger Sensor CO LH (Hydrogen compensated)	6812570	1	367
Dräger Sensor Phosgene - COCl ₂ (Range: 0 - 20 PPM)	6809930	1	367
Dräger Sensor H ₂ (Range: 0 - 3000 PPM)	6809685	1	367
Dräger Sensor H ₂ O ₂ HC (Range: 0 - 7000 PPM)	6809675	1	367
Dräger Sensor H ₂ O ₂ LC (Range: 0 - 50 PPM)	6809705	1	367
Dräger Sensor H ₂ S (Range: 0 - 100 PPM)	6810435	1	367
Dräger Sensor H ₂ S HC (Range: 1000 PPM)	6809710	1	367
Dräger Sensor H ₂ S LC (Range: 0 - 100 PPM)	6809610	1	367
Dräger Sensor HCl (Range: 0 - 100 PPM)	6809640	1	367
Dräger Sensor HCN (Range: 0 - 50 PPM)	6809650	1	367
Dräger Sensor HCN LC (Range: 0 - 50 PPM)	6813200	1	367
Dräger Sensor Phosphine - PH ₃ /AsH ₃ (Range: 0 - 20 PPM)	6809695	1	367
Dräger Sensor Hydride (Range: 0 - 20 PPM)	6809635	1	367
Dräger Sensor Hydride SC (Range: 0 - 1 PPM)	6809980	1	367
Dräger Sensor Hydrazine - N ₂ H ₄ (Range: 0 - 5 PPM)	6810180	1	367
Dräger Sensor NH ₃ HC (Range: 0 - 1000 PPM)	6809645	1	367
Dräger Sensor NH ₃ LC (Range: 0 - 100 PPM)	6809680	1	367
Dräger Sensor NH ₃ TL (Range: 0 - 300 PPM)	6813095	1	367
Dräger Sensor NH ₃ TH (Range: 0 - 10000 PPM)	6800055	1	367
Dräger Sensor NO LC (Range: 0 - 200 PPM)	6809625	1	367
Dräger Sensor NO ₂ (Range: 0 - 100 PPM)	6809655	1	367
Dräger Sensor NO ₂ LC (Range: 0 - 20 PPM)	6813205	1	367
Dräger Sensor O ₂ (Range: 0 - 100 Vol. %)	6809720	1	367

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Dräger Sensor O2 LS (Range: 0 - 25 Vol. %)	6809630	1	367
Dräger Sensor Ozone -O3 (Range: 0 - 5 PPM)	6814005	1	367
Dräger Sensor OV1 (Range: 0 - 300 PPM)	6810740	1	367
Dräger Sensor OV2 (Range: 0 - 100 PPM)	6810745	1	367
Dräger Sensor SO2 (Range: 0 - 100 PPM)	6809660	1	367
Accessories			
Remote Sensor Adapter Polytron 7000 (requires adapter and cable)	8317275	1	348
Remote cable + plug 5 m Polytron 7000	8317270	1	348
Remote cable + plug 15 m Polytron 7000	8317998	1	348
Remote cable + plug 30 m Polytron 7000	8317999	1	348
Remote Duct adapter Polytron 7000	8317617	1	348
Duct Mount Kit Polytron 3000/7000	8317150	1	348
Pipe Mount Kit for 2" pipe	3501966	1	222
Cable Entry Set Polytron 7000	8317282	1	348
Cable Connector Relay Polytron 7000	1890086	1	348
Mounting Set P2IR/P3000/P7000	6809951	1	348
Calibration Adapter Viton	6810536	1	348
Gassing Adapter	6806978	1	348
Remote calibration adapter for Polytron 3000, 5100/7000, 8000	6807955	1	348
Calibration/Process adapter AC	6809380	1	348
Splash guard Acidic Compounds	6809379	1	348
Pump adapter AC Polytron 7000	8317976	1	348
Modules			
Internal Pump Polytron 7000	8317350	1	347
Relay Module Polytron 7000	8317360	1	347
Dongles			
Data Dongle Polytron 7000	8317618	1	347
Sensor Diagnostics Dongle Polytron 7000	8317860	1	347
Sensor Test Dongle Polytron 7000	8317619	1	347
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Universal Intrinsically safe Transmitter with Display for detection of Toxic gases & Oxygen Including Diagnostic dongle (SIL 2 verified). Diagnostic menu & features for predictive maintenance and safety functions (SIL2 Verified). , duct mounting kit, remote sensor (30 M max).

ANZEX approved for use in Underground Coal mines (QLD)

Design Registered for CO/H2/H2S/NO, O2 in NSW

Requires below (Part # 3502115) + Sensor

Remote Sensor Option requires - Remote Sensor Adapter + Cable

Polytron 7000 (IEC Ex Approved for Gas Group 1) Underground Coal Mines

Polytron 7000 Display 4-20mA with Sensor Diagnostic Dongle & Docking Station (SIL 2 verified)

All Sensors to be NATA Calibrated when ordered with the detector. When sensors are ordered Separate, please add NATA Calibration additionally.

3502115

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Sensors

Only the sensors listed below are approved for use in underground Coal mines. Any further request must be tested & approved by the relevant Certifying body.

Dräger Sensor CO (Range: 0 - 1000 PPM)	6809605	1	367
Dräger Sensor H2 (Range: 0 - 3000 PPM)	6809685	1	367
Dräger Sensor H2S LC (Range: 0 - 100 PPM)	6809610	1	367
Dräger Sensor NO LC (Range: 0 - 200 PPM)	6809625	1	367
Dräger Sensor NO2 (Range: 0 - 100 PPM)	6809655	1	367
Dräger Sensor O2 LS (Range: 0 - 25 Vol. %)	6809630	1	367
Dräger Sensor SO2 (Range: 0 - 100 PPM)	6809660	1	367

Accessories

Duct Mount Kit Polytron 3000/7000	8317150	1	348
Pipe Mount Kit for 2" pipe	3501966	1	222
Calibration Adapter Viton	6810536	1	348
Gassing Adapter	6806978	1	348
Remote Sensor Adapter Polytron 7000	8317275	1	348
Remote cable + plug 5 m Polytron 7000	8317270	1	348
Remote cable + plug 15 m Polytron 7000	8317998	1	348
Remote cable + plug 30 m Polytron 7000	8317999	1	348
Remote Duct adapter Polytron 7000	8317617	1	348
Duct Mount Kit Polytron 3000/7000	8317150	1	348
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Universal Intrinsically safe Transmitter with Display for detection of Toxic gases & Oxygen. Option of duct mounting kit.

Output: 4 to 20 mA

No diagnostics, menu, calibration info or gas name.

Error codes are not available for remote diagnostics.

Requires Polytron 3000 + Docking Station + Sensor

Refrigeration contractors can be provided with a 20% discount for Polytron 3000.

Polytron 3000 (IEC Ex & ATEX Approved)			
Docking Station	8317990	1	347
Safety Barrier Zone 2	8323873	1	340
Transmitter for Ammonia (Refrigeration Industry only)			
Polytron 3000 NH3 LC 100 ppm (requires NH3 LC 6809680 Sensor)	8316637	1	340
Polytron 3000 NH3 HC 300 ppm (requires NH3 HC 6809645 Sensor)	8316638	1	340
Polytron 3000 NH3 HC 1000 ppm (requires NH3 HC 6809645 Sensor)	8316639	1	340
Polytron 3000 NH3 TL 100 ppm (requires NH3 TL Sensor 6813095)	8328620	1	340
Polytron 3000 NH3 TL 300 ppm (requires NH3 TL Sensor 6813095)	8328621	1	340
Sensors for Ammonia			
Dräger Sensor NH3 HC	6809645	1	367
Dräger Sensor NH3 LC	6809680	1	367
Dräger Sensor NH3 TL (Range: 0 - 300 PPM)	6813095	1	367
Accessories			
PSD 3000 (Polytron Sampling Device)	8319270	1	348
Duct Mount Kit Polytron 3000/7000	8317150	1	348
Pipe Mount Kit for 2" pipe	3501966	1	222
Mounting Set P2IR/P3000/P7000	6809951	1	348
Calibration Adapter Viton	6810536	1	348
Gassing Adapter	6806978	1	348
Calibration-/Processadapter AC	6809380	1	348
Splash guard Acidic Compounds	6809379	1	348
Set Hawke Cable Gland Polytron 3000 / 7000	8319029	1	348
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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**Obsolete – No replacement available**

The Dräger Polytron 7500 are transmitters for the continuous monitoring of NF3 and PFCS (perfluoro compounds) e.g. C4F6, C5F8 in ambient air at very low levels (PPM).

The Dräger Polytron 7500 is the advanced version of the Polytron Pyrolyzer family. It can be extended with modules for additional functions and features like local alarm relays, digital communication or diagnostic functions.

Polytron 7500 (Obsolete, Replacement not available)			
Dongles			
Data Dongle	8317618	1	347
Sensor Diagnostics Dongle	8317860	1	347
Sensor Test Dongle	8317619	1	347
Spare Sensors			
Dräger Sensor XS NF3	6811125	1	367
Dräger Sensor XS PFC	6811120	1	367
Sensors for Polytron Pyrolyzers			
Dräger Sensor PFC	6810500	1	
Modules			
Relay Module Polytron 7500	8318524	1	
Accessories			
Selective Filter DAS (NF3 Polytron 3500/7500)	8317470	1	348
Selective Filter ZS (C5F8 Polytron 3500/7500)	8317480	1	348
Gas Calibration Bag 20 L	6807068	1	953

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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TOXIC CO₂ DETECTORS

The Dräger PIR 7200 is an explosion proof gas detector for continuous monitoring of **Carbon Dioxide** in suitable atmospheres.

The measuring range can be adjusted from 0 to 2,000 ppm and up to 30 %(v/v), and the operating temperature is specified up to + 45 °c . Its robust design (offering a stainless steel 316L enclosure), the wide range of accessories and the SIL 2 compatibility (certified by the German TUV) make the Dräger PIR 7200 suitable for all industrial environments. Manual Included.

Ranges: 0 - 2000 PPM, 0 - 5/10/30 Vol. %

PIR 7200 CO₂ (Approval ATEX, IEC Ex, UL, CSA) with HART, SIL 2 (IEC61508) (Exd Versions available on request)

Transmitter

Dräger PIR 7200 (M25) HART cpl. Set with Ex e junction box, splash guard, status indicator and mounting set, pre-assembled.	6812290	1	342
Dräger PIR 7200 (NPT) HART complete set With Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813055	1	342
Dräger PIR 7200 (NPT) HART complete set With Ex d junction box (made of aluminum), splash guard, status indicator and mounting met, already pre-assembled	6813050	1	342

Accessories

Mounting Set PIR 7000	6811648	1	348
Duct Mount Set PIR 7000	6811850	1	348
Splash Guard PIR 7200	6811912	1	348
Status Indicator PIR 7200	6811920	1	348
Insect Guard PIR 7000	6811609	1	348
Hydrophobic Filter PIR 7000	6811890	1	348
Calibration Adapter PIR 7000/7200	6811610	1	348
Flowcell PIR 7200	6811910	1	348
Bump Test Adapter PIR 7200	6811930	1	348
Process Adapter PIR 7000	6811915	1	348
Process Cuvette PIR 7000 SGR	6813219	1	348
Magnetic Wand	4544101	1	348
USB PC Adapter PIR 7000	6811663	1	348
Junction Box Ex e PIR 7000	6811898	1	348
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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The Dräger Polytron 5720 is an explosion proof gas detector for continuous monitoring of **Carbon Dioxide** in suitable atmospheres. All functions are accessible through the display including calibration and target gas. Status LED's are provided on the display. Options of Aluminium or SS 316 Enclosure and Relays (A1, A2 & Fault)



Remote sensor with Display is possible using the Exd housing. Bumpstest Adaptor available for remote calibration/testing. The measuring range can be adjusted from 0 to 9,990 ppm and up to 30 %(v/v), and the operating temperature is specified up to + 45 °c .

Standard Unit - requires Polytron 5720 + Splashguard + Status Indicator.

Inline Application - requires Polytron 5720 + Process Cuvette (Steel) or Process adaptor (plastic)

d = Exd version, A =Aluminium, S =Stainless Steel

For configurable part number pricing, check under Configurable Part numbers.

Polytron 5720 Ex d (Approval ATEX, IEC Ex, UL, CSA) Transmitters			
Steel variants need to be configured using Polytron configurator online, and must accompany all order.			
Part number 8344500 is a common configurable part number.			
Ex d Versions (Remote versions require Exd Junction box)			
Polytron 5720 d AL with Status Indicator & Splash guard	8344200	1	376
Polytron 5720 d AL relay with Status Indicator & Splash guard	8344201	1	376
Polytron 5720 IR d S relay with Status Indicator & Splash guard	8344203	1	376
Junction Box SS (required for remote d installation)	4544098	1	348
Junction Box AL (required for remote d installation)	4544099	1	348
Accessories			
Splash Guard PIR 7200	6811912	1	348
Status Indicator PIR 7200	6811920	1	348
Process Adapter PIR 7000 (Plastic)	6811915	1	348
Process Cuvette PIR 7000 SGR	6813219	1	348
Calibration Adapter PIR 7000	6811610	1	348
Flowcell PIR 7200	6811910	1	348
Bump Test Adapter PIR 7200	6811930	1	348
Magnet W/Key Chain P5000/8000	4544101	1	348
Irda Interface Assy	4544197	1	348
Pipe Mount Kit P5x00 /8x00	4544198	1	348
Duct Mount Kit Polytron 5700/8700/5720/8720	6812300	1	348
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Configurable Part Numbers (Polytron 5000 & 8000 Family)

Configurable Part Number for 5000 Family (5100/5200/5310/5700/5720) – 8344500

- Step 1 – Select base transmitter without sensor
- Step 2 – optional Select Exe versions with or without relays – Ignore this step for Exd (default Exd)
- Step 3 – optional (add Relay for Exe or Exd version with Relays) – ignore this step non-relay version
Or Optional for Polytron 8720 – Bus System (no relays possible)
- Step 4 – optional (select Stainless Steel) – ignore this step Aluminium versions
- Step 5 – Add PIR 7200 sensor + Splashguard + Status indicator
- For Price – Add price for each step & option selected above.

Polytron 5720 (configurator)			
Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5720 d A 4-20mA Base Transmitter	PR00930	1	370
Housing Classification (optional: select one only)			
Ex e Version w/o Docking Station (w/o charge)			
Ex e Version w/ Docking Station w/o Relays	PR00921	1	370
Ex e Version w/ Docking Station for Relay Option Interface	PR00922	1	370
Interfaces (optional: select one only)			
Relay Option (3 relays)	PR00895	1	370
Housing Material (optional)			
Stainless Steel 316L	PR00894	1	370
Integrated Sensor (required for Ex d: select one only)			
Dräger PIR 7200 (NPT)	PR00475	1	342
Splash Guard & Status Indicator for Polytron 5/87x0 (optional)			
Splash Guard & Status Indicator Preinstalled	PR01166	1	370

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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The Dräger Polytron 8720 is an explosion proof gas detector for continuous monitoring of **Carbon Dioxide** in suitable atmospheres. Its SIL 2 compatibility is proven by a full H/W & S/W assessment and certified by the German TÜV. All functions are accessible through the display including calibration and target gas. Status LED's are provided on the display. Options of Aluminium or SS 316 Enclosure and Relays (A1, A2 & Fault)



Remote sensor with Display is possible using the Exd Junction Box . Flow-cell available for remote calibration.

The measuring range can be adjusted from 0 to 9,990 ppm and up to 30 %(v/v), and the operating temperature is specified up to + 45 °C .

Standard Unit - requires Polytron 8720 + Splashguard + Status Indicator

Inline Application - requires Polytron 8720 + Process Cuvette (Steel) or Process adaptor (plastic)

d = Exd version, A =Aluminium, S =Stainless Steel

For configurable part number pricing, check under Configurable Part numbers.

Polytron 8720 Ex d (Approval ATEX, IEC Ex, UL, CSA) with HART, SIL 2 (IEC61508) Transmitters
Steel variants need to be configured using Polytron configurator online, and must accompany all order.
Part number 8344800 is a common configurable part number.

Ex d Versions (Remote versions require Exd Junction box)

Polytron 8720 d A 4-20/HART with Status Indicator & Splash guard	8344709	1	379
Polytron 8720 d A 4-20/HART relay with Status Indicator & Splash guard	8344710	1	379
Junction Box S	4544098	1	348
Junction Box A	4544099	1	348

Ex e Versions (Require appropriate E-Box for complete set)

Polytron 8720 e A 4-20/HART with Status Indicator & Splash guard	8344727	1	379
Polytron 8720 e A 4-20/HART relay with Status Indicator & Splash guard	8344728	1	379
E-box Power only version (Includes 1 cable gland) / Docking station	6812420	1	348
E-box Power and Relay version (Includes 2 cable glands) / Docking station	6812275	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Remote E Versions - go to configurable section (use part # 8344800)			
Accessories			
Splash Guard PIR 7200	6811912	1	348
Status Indicator PIR 7200	6811920	1	348
Process Adapter PIR 7000 (Plastic)	6811915	1	348
Process Cuvette PIR 7000 SGR	6813219	1	348
Insect Guard PIR 7000	6811609	1	348
Hydrophobic Filter PIR 7000	6811890	1	348
Calibration Adapter PIR 7000	6811610	1	348
Flowcell PIR 7200	6811910	1	348
Bump Test Adapter PIR 7200	6811930	1	348
Magnet W/Key Chain P5000/8000	4544101	1	348
Irda Interface Assy	4544197	1	348
Pipe Mount Kit P5x00 /8x00	4544198	1	348
Duct Mount Kit Polytron 5700/8700/5720/8720	6812300	1	348
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222
Dräger PolySoft Configuration Software	8323405	1	316
IR Connection Kit (requires PolySoft)	4544197	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Configurable Part Numbers (Polytron 5000 & 8000 Family)			
Configurable Part Number for 8000 Family (8100/8200/8310/8700/8720) – 8344800			
Step 1 – Select base transmitter without sensor			
Step 2 – optional Select Exe versions with or without relays – Ignore this step for Exd (default Exd)			
Step 3 – optional (add Relay for Exe or Exd version with Relays) – ignore this step non-relay version Or Optional for Polytron 8720 – Bus System (no relays possible)			
Step 4 – optional (select Stainless Steel) – ignore this step Aluminium versions			
Step 5 – Add PIR 7200 sensor + Splashguard + Status indicator			
For Price – Add price for each step & option selected above.			
Polytron 8720 (configurator)			
Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8720 d A 4-20mA/HART Base Transmitter	PR00893	1	372
Housing Classification (optional: select one only)			
Ex e Version w/o Docking Station (w/o charge)			
Ex e Version w/ Docking Station w/o Relays	PR00921	1	370
Ex e Version w/ Docking Station for Relay Option Interface	PR00922	1	370
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923	1	372
Interfaces (optional: select one only) - Bus Systems have no option for Relays.			
Relay Option (3 relays)	PR00895	1	370
Profibus PA (replaces 4-20/HART, no relay)	PR00896	1	370
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897	1	370
Modbus RTU (replaces 4-20/HART, no relay)	PR00898	1	370
Housing Material (optional)			
Stainless Steel 316L	PR00894	1	370
Integrated Sensor for Exd installation - Select either one (Integrated sensor or Remote sensor)			
Dräger PIR 7200 (NPT)	PR00475	1	342
Remote Sensor E Versions			
Dräger PIR 7200 (M25) HART cpl. Set with Ex e junction box, splash guard, status indicator and mounting set, pre-assembled.	6812290	1	342
Splash Guard & Status Indicator for Polytron 5/87x0 (optional)			
Splash Guard & Status Indicator Preinstalled	PR01166	1	370

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FLAMMABLE - IR GAS DETECTORS



The Dräger PIR 7000 is an explosion proof gas detector for continuous monitoring of **flammable gases and vapours** in suitable atmospheres. The gas library can be customised with up to 13 substances (Approx 52 gas libraries available) and the t0.90 response time can be configured to "fast", i.e. less than 1 second. Its SIL 2 compatibility is proven by a full H/W & S/W assessment and certified by the German TÜV. Bumpstest Adaptor available for remote calibration.

Type 334 - To detect Methane and lighter hydrocarbons

Range: 0 - 9990 PPM, 0 - 100 % LEL, 0 - 100 Vol. % CH4 (Default - Methane)

Type 340 - Propane and heavier hydrocarbons (Fuels)

Range: 0 - 9990 PPM, 0 - 100 % LEL, (Default - Propane)

Check Gaslist for details and selection of correct type.

PIR 7000 (Approval ATEX, IEC Ex, UL, CSA) with HART, SIL 2 (IEC61508) (Exd Versions available on request)			
Transmitter			
Dräger PIR 7000 type 334 (M25) HART cpl. Set with Ex e junction box , splash guard, status indicator and mounting set, already pre-assembled	6811817	1	343
Dräger PIR 7000 type 334 (NPT) HART cpl. Set with Ex d Junction Box (made of Aluminum) , Splash Guard, Status Indicator and Mounting Set, already pre-assembled	6813030	1	343
Dräger PIR 7000 type 334 (NPT) HART cpl. Set with Ex d Junction Box (made of Stainless Steel 316) , Splash Guard, Status Indicator and Mounting Set, already pre-assembled	6813035	1	343
Dräger PIR 7000 type 340 (M25) HART cpl. Set with Ex e junction box , splash guard, status indicator and mounting set, already pre-assembled	6811819	1	343
Dräger PIR 7000 type 340 (NPT) HART cpl. Set with Ex d Junction Box (made of Aluminum) , Splash Guard, Status Indicator and Mounting Set, already pre-assembled	6813040	1	343
Dräger PIR 7000 type 340 (NPT) HART cpl. Set with Ex d Junction Box (made of Stainless Steel 316) , Splash Guard, Status Indicator and Mounting Set, already pre-assembled	6813045	1	343
Accessories			
Mounting Set PIR 7000	6811648	1	348
Duct Mount Set PIR 7000	6811850	1	348
Insect Guard PIR 7000	6811609		348
Splash Guard PIR 7000	6811911	1	348
Status Indicator PIR 7000	6811625	1	348
Hydrophobic Filter PIR 7000	6811890	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Calibration adapter PIR 7000	6811610	1	348
Flowcell PIR 7000	6811490	1	348
Flowcell PIR 7000 Duct	6811945	1	348
Bump Test Adapter PIR 7000	6811630	1	348
Bump Test Adapter PIR 7000 Duct	6811990	1	348
Process Cuvette PIR 7000 SGR	6813219	1	348
Magnetic Wand	4544101	1	348
USB PC Adapter PIR 7000	6811663	1	348
Junction Box Ex e PIR 7000	6811898	1	348
Adapter /Mounting Plate for PIR 7000/ Polytron 8700			
Mounting Plate to adapt PIR 7000 & Polytron 8700 detectors into the existing mounting arrangement of the Polytron 2IR (Obsolete). Will ensure a straight forward swap without need for cutting/welding.			
P2IR to PIR 7000/Polytron 8700 Extended Mounting Plate	3503271	1	222
P2IR to PIR 7000/Polytron 8700 Standard Mounting Plate	3503270	1	222
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222
Dräger PolySoft Configuration Software	8323405	1	316
Spare Transmitters without Junction Box, Splash guard & Status Indicator			
Dräger PIR 7000 type 334 (NPT) HART	6811552	1	343
Dräger PIR 7000 type 334 (M25) HART	6811550	1	343
Dräger PIR 7000 type 340 (NPT) HART	6811562	1	343
Dräger PIR 7000 type 340 (M25) HART	6811560	1	343
Spare Junction Boxes			
Junction box Ex e PIR 7000	6811898	1	348
Junction box Ex d stainless steel	4544098	1	348
Junction box Ex d aluminium	4544099	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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The Dräger Polytron 5700 is an explosion proof gas detector for continuous monitoring of **flammable gases and vapours** in suitable atmospheres. The gas library come pre-loaded with approx. 50 gases. All functions are accessible through the display including calibration and target gas. Status LED's are provided on the display. Options of Aluminium or SS 316 Enclosure and Relays (A1, A2 & Fault). [Check Gaslist for details and selection of correct type.](#)



Remote sensor with Display is possible using the Exd housing . Bumpstest Adaptor available for remote calibration/Testing.

Type 334 - To detect Methane and lighter hydrocarbons

Range: 0 - 9990 PPM, 0 - 100 % LEL, 0 - 100 Vol. % CH₄ (Default - Methane)

Type 340 - Propane and heavier hydrocarbons (Fuels) Range: 0 - 9990 PPM, 0 - 100 % LEL, (Default - Propane)









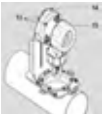
Standard Unit - requires Polytron 5700 + Splashguard + Status Indicator

Inline Application - requires Polytron 5700 + Process Cuvette (Steel) or Process adaptor (plastic)

For configurable part number pricing, check under Configurable Part numbers.

Polytron 5700 Ex d (Approval ATEX, IEC Ex, UL, CSA) Transmitters			
Steel variants need to be configured using Polytron configurator online, and must accompany all order.			
Part number 8344500 is a common configurable part number.			
Ex d Versions (Remote versions require Exd Junction box)			
Polytron 5700, 334 d Aluminium with Status Indicator & Splash guard	8344220	1	376
Polytron 5700, 334 d Aluminium relay with Status Indicator & Splash guard	8344221	1	376
Polytron 5700, 334 d Stainless Steel with Status Indicator & Splash guard	8344222	1	376
Polytron 5700, 340 d Aluminium with Status Indicator & Splash guard	8344240	1	376
Polytron 5700, 340 d Aluminium relay with Status Indicator & Splash guard	8344241	1	376
Remote Junction Box			
Junction Box S	4544098	1	348
Junction Box A	4544099	1	348
Accessories			
Splash Guard PIR 7000	6811911	1	348
Status Indicator PIR 7000	6811625	1	348
Process Adapter PIR 7000 (Plastic)	6811915	1	348
Process Cuvette PIR 7000 SGR	6813219	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Remote Junction Box			
 Insect Guard PIR 7000	6811609	1	348
 Hydrophobic Filter PIR 7000	6811890	1	348
 Calibration Adapter PIR 7000	6811610	1	348
 Flowcell PIR 7000	6811490	1	348
 Flowcell PIR 7000 Duct	6811945	1	348
Bump Test Adapter PIR 7000	6811630	1	348
Bump Test Adapter PIR 7000 Duct	6811990	1	348
 Magnet W/Key Chain P5000/8000	4544101	1	348
 Irda Interface Assy	4544197	1	348
 Pipe Mount Kit P5x00 /8x00	4544198	1	348
 Duct Mount Kit Polytron 5700/8700/5720/8720	6812300	1	348
Flowcell PIR 7000 Duct	6811945	1	348
Bump Test Adapter PIR 7000 Duct	6811990	1	348
3/4" NPT Male to M20 Female Adapter - EExd (IECEX)	3502319	1	222
3/4" NPT Exd Gland IECEX Approved	3502232	1	222
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222
Dräger PolySoft Configuration Software	8323405	1	316
IR Connection Kit (requires PolySoft)	4544197	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Configurable Part Numbers (Polytron 5000 & 8000 Family)

Configurable Part Number for 5000 Family (5100/5200/5310/5700/5720) – 8344500

- Step 1 – Select base transmitter without sensor
 Step 2 – optional Select Exe versions with or without relays – Ignore this step for Exd (default Exd)
 Step 3 – optional (add Relay for Exe or Exd version with Relays) – ignore this step non-relay version
 Or Optional for Polytron 8700 – Bus System (no relays possible)
 Step 4 – optional (select Stainless Steel) – ignore this step Aluminium versions
 Step 5 – Add PIR 7200 sensor + Splashguard + Status indicator
 For Price – Add price for each step & option selected above.

Polytron 5700 (configurator)			
Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5700 d A 4-20mA Base Transmitter	PR00929	1	370
Housing Classification (optional: select one only)			
Ex e Version w/o Docking Station (w/o charge)		1	
Ex e Version w/ Docking Station w/o Relays	PR00921	1	370
Ex e Version w/ Docking Station for Relay Option Interface	PR00922	1	370
Interfaces (optional)			
Relay Option (3 relays)	PR00895	1	370
Housing Material (optional)			
Stainless Steel 316L	PR00894	1	370
Integrated Sensor for Exd installation- Select either one (Integrated sensor or Remote sensor)			
Dräger PIR 7000 Typ 334 (NPT)	PR00469	1	342
Dräger PIR 7000 Typ 340 (NPT)	PR00473	1	342
Remote Sensor E Versions			
Dräger PIR 7000 type 334 (M25) HART cpl. Set with Ex e junction box, splash guard, status indicator and mounting set, already pre-assembled	6811817	1	343
Dräger PIR 7000 type 340 (M25) HART cpl. Set with Ex e junction box, splash guard, status indicator and mounting set, already pre-assembled	6811819	1	343
Splash Guard & Status Indicator for Polytron 5/87x0 (optional)			
Splash Guard & Status Indicator Preinstalled	PR01166	1	370

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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The Dräger Polytron 8700 is an explosion proof gas detector for continuous monitoring of **flammable gases and vapours** in suitable atmospheres. The gas library come pre-loaded with approx. 50 gases. SIL 2 verified as per IEC61508. All functions are accessible through the display Including calibration and target gas. Status LED's are provided on the display. Options of Aluminium or SS 316 Enclosure and Relays (A1, A2 & Fault).

[Check Gaslist for details and selection of correct type.](#)



Remote sensor with Display is possible using the Exd housing . Bumpstest Adaptor available for remote calibration/Testing.

Type 334 - To detect Methane and lighter hydrocarbons

Range: 0 - 9990 PPM, 0 - 100 % LEL, 0 - 100 Vol. % CH4 (Default - Methane)

Type 340 - Propane and heavier hydrocarbons (Fuels)

Range: 0 - 9990 PPM, 0 - 100 % LEL, (Default - Propane)

Standard Unit - requires Polytron 8700 + Splashguard + Status Indicator

Inline Application - requires Polytron 8700 + Process Cuvette (Steel) or Process adaptor (plastic)

[For configurable part number pricing, check under Configurable Part numbers.](#)

Polytron 8700 Ex d (Approval ATEX, IEC Ex, UL, CSA) with HART, SIL 2 (IEC61508) Transmitters
Steel variants need to be configured using Polytron configurator online, and must accompany all order.
Part number 8344800 is a common configurable part number.

Type 334 Ex d Versions (Remote versions require Exd Junction box)

Polytron 8700 334 d AL with Status Indicator & Splash guard	8344601	1	379
Polytron 8700 334 d AL relay with Status Indicator & Splash guard	8344602	1	379
Polytron 8700 334 d SS with Status Indicator & Splash guard	8344610	1	379
Polytron 8700 334 d SS relay with Status Indicator & Splash guard	8344611	1	379
Junction Box S	4544098	1	348
Junction Box A	4544099	1	348









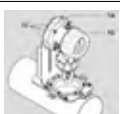
Type 334 Ex e Versions (Requires appropriate E-box to complete set)

Polytron 8700 334 e AL with Status Indicator & Splash guard	8344619	1	379
Polytron 8700 334 e AL relay with Status Indicator & Splash guard	8344620	1	379
Polytron 8700 334 e SS with Status Indicator & Splash guard	8344628	1	379
E-box Power only version (Includes 1 cable gland) / docking station	6812420	1	348
E-box Power and Relay version (Includes 2 cable glands) / Docking station	6812275	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Type 334 Remote E Versions - go to configurable section (use part # 8344800)			
Type 340 Ex d Versions (Remote versions require Exd Junction box)			
Polytron 8700 340 d AL with Status Indicator & Splash guard	8344637	1	379
Polytron 8700 340 d AL relay with Status Indicator & Splash guard	8344638	1	379
Junction Box S	4544098	1	348
Junction Box A	4544099	1	348
Type 340 Ex e Versions (Require appropriate E-Box for complete set)			
Polytron 8700 340 e AL with Status Indicator & Splash guard	8344655	1	379
Polytron 8700 340 e AL relay with Status Indicator & Splash guard	8344656	1	379
E-box Power only version (Includes 1 cable gland) / docking station	6812420	1	348
E-box Power and Relay version (Includes 2 cable glands) / Docking station	6812420	1	348
Type 340 Remote E Versions - go to configurable section (use part # 8344800)			
Adapter /Mounting Plate for PIR 7000/ Polytron 8700			
Mounting Plate to adapt PIR 7000 & Polytron 8700 detectors into the existing mounting arrangement of the Polytron 2IR (Obsolete). Will ensure a straight forward swap without need for cutting/welding.			
P2IR to PIR 7000/Polytron 8700 Extended Mounting Plate	3503271	1	222
P2IR to PIR 7000/Polytron 8700 Standard Mounting Plate	3503270	1	222
Accessories			
Splash Guard PIR 7000	6811911	1	348
Status Indicator PIR 7000	6811625	1	348
Process Adapter PIR 7000 (Plastic)	6811915	1	348
Process Cuvette PIR 7000 SGR	6813219	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Accessories			
Insect Guard PIR 7000	 6811609	1	348
Hydrophobic Filter PIR 7000	 6811890	1	348
Calibration Adapter PIR 7000	 6811610	1	348
Flowcell PIR 7000	 6811490	1	348
Flowcell PIR 7000 Duct	 6811945	1	348
Bump Test Adapter PIR 7000	6811630	1	348
Bump Test Adapter PIR 7000 Duct	6811990	1	348
Magnet W/Key Chain P5000/8000	 4544101	1	348
Irda Interface Assy	 4544197	1	348
Pipe Mount Kit P5x00 /8x00	 4544198	1	348
Duct Mount Kit Polytron 5700/8700/5720/8720	 6812300	1	348
Flowcell PIR 7000 Duct	6811945	1	348
Bump Test Adapter PIR 7000 Duct	6811990	1	348
3/4" NPT Male to M20 Female Adapter - EExd (IECEX)	3502319	1	222
3/4" NPT Exd Gland IECEX Approved	3502232	1	222
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222
Dräger PolySoft Configuration Software	8323405	1	316
IR Connection Kit (requires PolySoft)	4544197	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Configurable Part Numbers (Polytron 5000 & 8000 Family)			
Configurable Part Number for 8000 Family (8100/8200/8310/8700/8720) – 8344800			
Step 1 – Select base transmitter without sensor			
Step 2 – optional Select Exe versions with or without relays – Ignore this step for Exd (default Exd)			
Step 3 – optional (add Relay for Exe or Exd version with Relays) – ignore this step non-relay version Or Optional for Polytron 8700 – Bus System (no relays possible)			
Step 4 – optional (select Stainless Steel) – ignore this step Aluminium versions			
Step 5 – Add PIR 7200 sensor + Splashguard + Status indicator			
For Price – Add price for each step & option selected above.			
Polytron 8700 (configurator)			
Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8700 d A 4-20mA/HART Base Transmitter	PR00892	1	372
Housing Classification (optional: select one only)			
Ex e Version w/o Docking Station (w/o charge)			
Ex e Version w/ Docking Station w/o Relays	PR00921	1	370
Ex e Version w/ Docking Station for Relay Option Interface	PR00922	1	370
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923	1	372
Interfaces (optional: select one only) - Bus Systems have no option for Relays.			
Relay Option (3 relays)	PR00895	1	370
Profibus PA (replaces 4-20/HART, no relay)	PR00896	1	370
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897	1	370
Modbus RTU (replaces 4-20/HART, no relay)	PR00898	1	370
Housing Material (optional)			
Stainless Steel 316L	PR00894	1	370
Integrated Sensor for Exd installation- Select either one (Integrated sensor or Remote sensor)			
Dräger PIR 7000 Typ 334 (NPT)	PR00469	1	342
Dräger PIR 7000 Typ 340 (NPT)	PR00473	1	342
Remote Sensor E Versions			
Dräger PIR 7000 type 334 (M25) HART cpl. Set with Ex e junction box, splash guard, status indicator and mounting set, already pre-assembled	6811817	1	343
Dräger PIR 7000 type 340 (M25) HART cpl. Set with Ex e junction box, splash guard, status indicator and mounting set, already pre-assembled	6811819	1	343
Splash Guard & Status Indicator for Polytron 5/87x0 (optional)			
Splash Guard & Status Indicator Preinstalled	PR01166	1	370

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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The Draeger PIR 3000 is an explosion proof gas detector for continuous monitoring of flammable gases and vapours in the ambient air.

The transmitter is built for harsh industrial environments (stainless steel 316 enclosure) and it features reliability and accuracy. Two men calibration.

Non-intrusive calibration is recommended every 6 to 12 months only.

Also suitable for selected refrigerant gas monitoring (please check)

PIR 3000 (Approval IEC Ex, ATEX, UL, CSA)			
Transmitter			
Dräger PIR 3000 complete set e (with regular Ex e junction box)	6811160	1	343
Dräger PIR 3000 complete set e2 (with octa Ex e junction box)	6811270	1	343
Dräger PIR 3000 complete set d (with Ex d junction box)	6811180	1	343
Sensor only (without Junction Box)			
Dräger PIR 3000 (M25) without enclosure	6810810	1	343
Dräger PIR 3000 (NPT) without enclosure	6811080	1	343
Accessories			
DSIR Splash Guard	6810796	1	348
DSIR Calibration Adapter	6810859	1	348
DSIR Gassing / Process Adapter	6811330	1	348
DSIR Weather Guard	6811135	1	348
Mounting Set e	6811427	1	348
Mounting Set d	6811426	1	348
DSIR Duct Mount Set	6810995	1	348
Magnet W/Key Chain P5000/8000	4544101	1	348
Junction Box EEx e (regular box)	6811299	1	348
Junction Box EEx e (octa box)	6811159	1	348
Junction Box EEx d	6811161	1	348
DSIR Cable Gland M20 set	6811323	1	348
DSIR Duct Mount Set	6810995	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Economical, Explosion-proof (Flame Proof) Ex d, transmitter for the detection of Hydrocarbon gases / vapours and refrigerant gases.

Three-wire, 10 to 30 VDC

Non-intrusive calibration using a magnetic wand

3 digit LCD display

4 to 20 mA output

Includes Sensor

Cable entry thread is 3/4" NPT

For configurable part number pricing, check under Configurable Part numbers.

Polytron 5310 (IEC Ex, ATEX Approved) Transmitters			
All Polytron 5310 models need to be configured using polytron configurator online, and must accompany all order.			
Part number 8344500 is a common configurable part number.			
Polytron 5310, d Aluminium	8344370	1	371
Polytron 5310 IR d A relay	8344371	1	371
Remote Junction Box			
Junction Box S	4544098	1	348
Junction Box A	4544099	1	348
Accessories			
Magnet W/Key Chain P5000/8000	4544101	1	348
Irda Interface Assy	4544197	1	348
Pipe Mount Kit P5x00 /8x00	4544198	1	348
Duct Mount Kit	6812725	1	348
DSIR Splash Guard	6810796	1	348
DSIR Calibration Adapter	6810859	1	348
DSIR Gassing / Process Adapter	6811330	1	348
DSIR Weather Guard	6811135	1	348
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222
Dräger PolySoft Configuration Software	8323405	1	316
IR Connection Kit (requires PolySoft)	4544197	1	348
Spare Sensor			
Dräger Sensor IR (NPT)	6811901	1	375

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Configurable Part Numbers (Polytron 5000 & 8000 Family)

Configurable Part Number for 5000 Family (5100/5200/5310/5700/5720) – 8344500

Step 1 – Select base transmitter without sensor

Step 2 – optional Select Exe versions with or without relays – Ignore this step for Exd (default Exd)

Step 3 – optional (add Relay for Exe or Exd version with Relays) – ignore this step non-relay version
Or Optional for Polytron 8310 – Bus System (no relays possible)

Step 4 – optional (select Stainless Steel) – ignore this step Aluminium versions

Step 5 – Add sensor IR

For Price – Add price for each step & option selected above.

Polytron 5310 Transmitter (configurator)		
Ex d Aluminum Base Transmitter w/o Sensor		
Polytron 5310 d A 4-20mA Base Transmitter	PR00928	370
Housing Classification (optional: select one only)		
Ex e Version w/o Docking Station (w/o charge)		
Ex e Version w/ Docking Station w/o Relays	PR00921	370
Ex e Version w/ Docking Station for Relay Option Interface	PR00922	370
Interfaces (optional: select one only)		
Relay Option (3 relays)	PR00895	370
Housing Material (optional)		
Stainless Steel 316L	PR00894	370
Integrated Sensor (required for Ex d)		
Dräger Sensor IR	PR00901	370

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Economical, Explosion-proof (Flame Proof) Ex d, transmitter for the detection of Hydrocarbon gases and vapours

Three-wire, 10 to 30 VDC
 Non-intrusive calibration using a magnetic wand
 4 digit LCD display
 4 to 20 mA output
 Includes Sensor

Cable entry thread is 3/4" NPT

For configurable part number pricing, check under Configurable Part numbers.

Polytron 8310 (IEC Ex, ATEX Approved) with HART Transmitters			
Some Polytron 8310 models need to be configured using Polytron configurator online, and must accompany all order.			
Part number 8344800 is a common configurable part number.			
Transmitter Ex d Versions (Remote versions require Exd Junction boxes)			
Polytron 8310 d Aluminium 4-20/HART	8344807	1	373
Polytron 8310 d Aluminium 4-20/HART with Relay	8344808	1	373
Junction Box S	4544098	1	348
Junction Box A	4544099	1	348
Transmitter Ex e Versions (Require appropriate E-Box for complete set)			
Polytron 8310 e A 4-20/HART	8344825	1	373
Polytron 8310 e A 4-20/HART relay	8344826	1	373
E-box Power only version (Includes 1 cable gland) / docking station	6812420	1	348
E-box Power and Relay version (Includes 2 cable glands) / Docking station	6812275	1	348
Accessories			
Magnet W/Key Chain P5000/8000	4544101	1	348
Irda Interface Assy	4544197	1	348
Pipe Mount Kit P5x00 /8x00	4544198	1	348
Duct Mount Kit	6812725	1	348
DSIR Splash Guard	6810796	1	348
DSIR Calibration Adapter	6810859	1	348
DSIR Gassing / Process Adapter	6811330	1	348
DSIR Weather Guard	6811135	1	348
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222
Dräger PolySoft Configuration Software	8323405	1	316
IR Connection Kit (requires PolySoft)	4544197	1	348
Spare Sensor			
Dräger Sensor IR (NPT)	6811901	1	375

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Configurable Part Numbers (Polytron 5000 & 8000 Family)

Configurable Part Number for 8000 Family (8100/8200/8310/8700/8720) – 8344800

- Step 1 – Select base transmitter without sensor
 Step 2 – optional Select Exe versions with or without relays – Ignore this step for Exd (default Exd)
 Step 3 – optional (add Relay for Exe or Exd version with Relays) – ignore this step non-relay version
 Or Optional for Polytron 8310 – Bus System (no relays possible)
 Step 4 – optional (select Stainless Steel) – ignore this step Aluminium versions
 Step 5 – Add sensor IR

For Price – Add price for each step & option selected above.

Polytron 8310 Transmitter (configurator)			
Ex d Aluminium Base Transmitter w/o Sensor			
Polytron 8310 d A 4-20mA/HART Base Transmitter	PR00891	1	372
Housing Classification (optional: select one only)			
Ex e Version w/o Docking Station (w/o charge)			
Ex e Version w/ Docking Station w/o Relays	PR00921	1	370
Ex e Version w/ Docking Station for Relay Option Interface	PR00922	1	370
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923	1	372
Interfaces (optional: select one only) - Bus Systems have no option for Relays.			
Relay Option (3 relays)	PR00895	1	370
Profibus PA (replaces 4-20/HART, no relay)	PR00896	1	370
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897	1	370
Modbus RTU (replaces 4-20/HART, no relay)	PR00898	1	370
Housing Material (optional)			
Stainless Steel 316L	PR00894	1	370
Integrated Sensor for Exd installation- Select either one (Integrated sensor or Remote sensor)			
Dräger Sensor IR	PR00901	1	370
Remote Sensor E Versions			
Dräger PIR 3000 complete set e (with regular Ex e junction box)	6811160	1	343
Dräger PIR 3000 complete set e2 (with octa Ex e junction box)	6811270	1	343
Dräger PIR 3000 complete set d (with Ex d junction box)	6811180	1	343

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FLAMMABLE - CATALYTIC GAS DETECTORS



A 4-20-mA-transmitter for continuous monitoring of flammable gases and vapours in the ambient air to prevent explosive hazards. The gas concentration is converted into a 4-20-ma standard signal which, by means of suitable central controllers, can be used to activate automatic countermeasures and alarm devices.

By opening the enclosure a two digit 7-segment display with two operating keys is accessible to perform menu-controlled one-man-calibration and maintenance.

PEX 3000 (ATEX Approval only - For Sale in NZ/NC only)			
Transmitter			
Dräger PEX 3000 type XTR 0000 Incl. sensor 100% LEL , small housing	8318280	1	344
Dräger PEX 3000 type XTR 0001 Incl. sensor 100% LEL, big housing	8318360	1	344
Dräger PEX 3000 type XTR 0010 Incl. sensor 10% LEL, small housing	8318290	1	344
Dräger PEX 3000 type XTR 0011 Incl. sensor 10% LEL, big housing	8318370	1	344
Dräger PEX 3000 type XTR 0090 Remote transmitter, small housing	8318380	1	344
Dräger PEX 3000 type XTR 0091 Remote transmitter, big housing	8318390	1	344
Catalytic Sensors			
Dräger Sensor PR M DQ (successor of 6812220)	6814140	1	360
Dräger Sensor HT M DQ (successor of 6812390)	6814145	1	360
Dräger Sensor PR NPT DQ (successor of 6812380)	6814150	1	360
Dräger Sensor Ex LC M (10%LEL) Spare sensor for Polytron SE Ex LC M ... DD, PEX 3000 (XTR 0010 and XTR 0011). Also spare sensor for Polytron SE Ex LC M (6810486) and Polytron LC M GB (6811495)	6810350	1	360
Dräger Sensor Ex LC NPT	6810675	1	360
Accessories			
Calibration Adapter Viton	6810536	1	348
Gassing Adapter	6806978	1	348
Dust Filter (not suitable for Dräger Sensor Ex LC M)	6810537	1	348
Special Tool PEX 3000	8318376	1	344

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Economical, Explosion-proof (Flame Proof) Ex d, transmitter for the detection of flammable gases
 Three-wire, 10 to 30 VDC
 Non-intrusive calibration using a magnetic wand
 3 digit LCD display
 4 to 20 mA output. Includes sensor.

Methane (CH₄), Ethylene (C₂H₄), Propane (C₃H₈), Propylene (C₃H₆) etc.
 Ammonia (NH₃), Hydrogen (H₂), Acetylene (C₂H₂)

CAT d Sensor: 0 - 100% LEL

CAT LC Sensor: 0 - 10 % LEL or PPM (Leak detection)

[Includes Sensor](#)

[Cable entry thread is NPT](#)

[For configurable part number pricing, check under Configurable Part numbers.](#)

Polytron 5200 (IEC Ex, ATEX Approved) Transmitters			
Transmitter Ex d Versions (Remote versions require Exd Junction boxes)			
Polytron 5200 CAT d A	8344150	1	371
Polytron 5200 CAT d A relay	8344151	1	371
Polytron 5200 CAT d S	8344152	1	371
Polytron 5200 CAT d S relay	8344153	1	371
Junction Box S	4544098	1	348
Junction Box A	4544099	1	348
Accessories			
Magnet W/Key Chain P5000/8000	4544101	1	348
Irda Interface Assy	4544197	1	348
Pipe Mount Kit Px000	4544198	1	348
Duct Mount Kit	6812725	1	348
Process Adapter DD Steel (inline applications)	6812470	1	348
Remote Calibration Adapter DD	6812480	1	348
Remote Calibration Adapter LC	6812482	1	348
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222
Dräger PolySoft Configuration Software	8323405	1	316
Vent line Adapter Polytron 5200 & 8200LC	3505566	1	316
Spare Sensors			
Dräger Sensor PR M DQ (successor of 6812220)	6814140	1	360
Dräger Sensor HT M DQ (successor of 6812390)	6814145	1	360
Dräger Sensor PR NPT DQ (successor of 6812380)	6814150	1	360
Dräger Sensor Ex LC M (10%LEL)	6810350	1	360
Dräger Sensor Ex LC NPT	6810675	1	360

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Configurable Part Numbers			
Configurable Part Number for 5000 Family (5100/5200/5310/5700/5720) – 8344500			
Step 1 – Select base transmitter without sensor			
Step 2 – optional Select Exe versions with or without relays – Ignore this step for Exd (default Exd)			
Step 3 – optional (add Relay for Exe or Exd version with Relays) – ignore this step non-relay version Or Optional for Polytron 8200 – Bus System (no relays possible)			
Step 4 – optional (select Stainless Steel) – ignore this step Aluminium versions			
Step 5 – Add DQ sensor (0 – 100% LEL) or LC Sensor (0 – 10% LEL)			
For Price – Add price for each step & option selected above.			
Polytron 5200 Transmitter (configurator)			
Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 5200 d A 4-20mA Base Transmitter	PR00926	1	370
Housing Classification (optional: select one only)			
Ex e Version w/o Docking Station (w/o charge)			
Ex e Version w/ Docking Station w/o Relays	PR00921	1	370
Ex e Version w/ Docking Station for Relay Option Interface	PR00922	1	370
Interfaces (optional)			
Relay Option (3 relays)	PR00895	1	370
Housing Material (optional)			
Stainless Steel 316L	PR00894	1	370
Integrated Sensor for Exd installation- Select either one (Integrated sensor or Remote sensor)			
Dräger Sensor Ex DQ 0-100% LEL	PR00899	1	370
Dräger Sensor Ex LC 0-10% LEL	PR00900	1	370
Remote Sensor E Versions			
Dräger Polytron SE Ex PR M1 DD, small standard housing, 0-100 %LEL	6812711	1	344
Dräger Polytron SE Ex PR M2 DD, midsize standard housing, 0-100 %LEL	6812710	1	344
Dräger Polytron SE Ex PR M3 DD, big GRP plastic housing, 0-100 %LEL	6812718	1	344
Dräger Polytron SE Ex PR NPT1 DD, flame-proof metal housing, 0-100 %LEL	6812800	1	344
Dräger Polytron SE Ex LC M1 DD, small standard housing, 0-10 %LEL	6812722	1	344
Dräger Polytron SE Ex LC M2 DD, midsize standard housing, 0-10 %LEL	6812721	1	344
Dräger Polytron SE Ex LC M3 DD, big GRP plastic housing, 0-10 %LEL	6812719	1	344
Dräger Polytron SE Ex LC NPT1 DD, flame-proof metal housing, 0-10 %LEL	6812801	1	344
Dräger Polytron SE Ex HT M DD, high temperature version, 0-100 %LEL	6812720	1	344

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Economical, Explosion-proof (Flame Proof) Ex d, transmitter for the detection of flammable gases
Three-wire, 10 to 30 VDC

Non-intrusive calibration using a magnetic wand

3 digit LCD display

4 to 20 mA output

Methane (CH₄), Ethylene (C₂H₄), Propane (C₃H₈), Propylene (C₃H₆) etc.

Ammonia (NH₃), Hydrogen (H₂), Acetylene (C₂H₂)

CAT d Sensor: 0 - 100% LEL

CAT LC Sensor: 0 - 10 % LEL or PPM (Leak detection)

Ammonia : 0 - 10,000/30,000 PPM (Alarm 2000/4000 PPM)

[Includes Sensor](#)

[Cable entry thread is NPT](#)

[For configurable part number pricing, check under Configurable Part numbers.](#)

Polytron 8200 (IEC Ex, ATEX Approved) with HART, SIL 2 (IEC61508) Transmitters			
Transmitter Ex d Versions (Remote versions require Exd Junction boxes)			
Polytron 8200 CAT d A 4-20/HART	8344439	1	373
Polytron 8200 CAT d A 4-20/HART relay	8344440	1	373
Polytron 8200 CAT d S 4-20/HART	8344448	1	373
Polytron 8200 CAT d S 4-20/HART relay	8344449	1	373
Junction Box S	4544098	1	348
Junction Box A	4544099	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Some Polytron 8200 models need to be configured using Polytron configurator online, and must accompany all order. Part number 8344800 is a common configurable part number. Transmitter Ex e Versions (Require appropriate E-Box for complete set)			
Polytron 8200 DD e A 4-20/HART	8344457	1	373
Polytron 8200 DD e A 4-20/HART relay	8344458	1	373
Polytron 8200 CAT e S 4-20/HART	8344466	1	373
E-box Power only version (Includes 1 cable gland) / docking station	6812420	1	348
E-box Power and Relay version (Includes 2 cable glands) / Docking station	6812275	1	348
Accessories			
Magnet W/Key Chain P5000/8000	4544101	1	348
Irda Interface Assy	4544197	1	348
Pipe Mount Kit Px000	4544198	1	348
Duct Mount Kit	6812725	1	348
Process Adapter DD Steel (inline applications)	6812470	1	348
Universal Wall/Pipe Mounting Plate with Sunshield PIR /Polytron 2/3/5/7/8000	3505072	1	222
Dräger PolySoft Configuration Software	8323405	1	316
IR Connection Kit (requires PolySoft)	4544197	1	348
Remote Calibration Adapter DD	6812480	1	348
Remote Calibration Adapter LC	6812482	1	348
Vent line Adapter Polytron 5200 & 8200LC	3505566	1	316
Spare Sensors			
Dräger Sensor PR M DQ (successor of 6812220)	6814140	1	360
Dräger Sensor HT M DQ (successor of 6812390)	6814145	1	360
Dräger Sensor PR NPT DQ (successor of 6812380)	6814150	1	360
Dräger Sensor Ex LC M (10%LEL)	6810350	1	360
Dräger Sensor Ex LC NPT	6810675	1	360

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Configurable Part Numbers (Polytron 5000 & 8000 Family)

- Step 1 – Select base transmitter without sensor
 Step 2 – optional Select Exe versions with or without relays – Ignore this step for Exd (default Exd)
 Step 3 – optional (add Relay for Exe or Exd version with Relays) – ignore this step non-relay version
 Or Optional for Polytron 8200 – Bus System (no relays possible)
 Step 4 – optional (select Stainless Steel) – ignore this step Aluminium versions
 Step 5 – Add DQ sensor (0 – 100% LEL) or LC Sensor (0 – 10% LEL)
 For Price – Add price for each step & option selected above.

Dräger Polytron 8200 Transmitter (configurator)			
Ex d Aluminum Base Transmitter w/o Sensor			
Polytron 8200 d A 4-20mA/HART Base Transmitter	PR00890	1	372
Housing Classification (optional: select one only)			
Ex e Version w/o Docking Station (w/o charge)			
Ex e Version w/ Docking Station w/o Relays	PR00921	1	370
Ex e Version w/ Docking Station for Relay Option Interface	PR00922	1	370
Ex e Version w/ Docking Station for Fieldbus Interface	PR00923	1	372
Interfaces (optional: select one only) - Bus Systems have no option for Relays.			
Relay Option (3 relays)	PR00895	1	370
Profibus PA (replaces 4-20/HART, no relay)	PR00896	1	370
Foundation Fieldbus (replaces 4-20/HART, no relay)	PR00897	1	370
Modbus RTU (replaces 4-20/HART, no relay)	PR00898	1	370
Housing Material (optional)			
Stainless Steel 316L	PR00894	1	370
Integrated Sensor for Exd installation- Select either one (Integrated sensor or Remote sensor)			
Dräger Sensor Ex DQ 0-100% LEL	PR00899	1	370
Dräger Sensor Ex LC 0-10% LEL	PR00900	1	370
Remote Sensor E Versions			
Dräger Polytron SE Ex PR M1 DD, small standard housing, 0-100 %LEL	6812711	1	344
Dräger Polytron SE Ex PR M2 DD, midsize standard housing, 0-100 %LEL	6812710	1	344
Dräger Polytron SE Ex PR M3 DD, big GRP plastic housing, 0-100 %LEL	6812718	1	344
Dräger Polytron SE Ex PR NPT1 DD, flame-proof metal housing, 0-100 %LEL	6812800	1	344
Dräger Polytron SE Ex LC M1 DD, small standard housing, 0-10 %LEL	6812722	1	344
Dräger Polytron SE Ex LC M2 DD, midsize standard housing, 0-10 %LEL	6812721	1	344
Dräger Polytron SE Ex LC M3 DD, big GRP plastic housing, 0-10 %LEL	6812719	1	344
Dräger Polytron SE Ex LC NPT1 DD, flame-proof metal housing, 0-10 %LEL	6812801	1	344
Dräger Polytron SE Ex HT M DD, high temperature version, 0-100 %LEL	6812720	1	344

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Dräger Polytron SE Ex HT M DD

The sensing head Polytron SE Ex HT M DD (HT = High Temperature) is intended to be used at ambient temperatures up to 150 °C. This sensing head is preferably used in applications where extremely high temperatures can occur, especially for leak detection in the direct vicinity of gas turbines. The temperature resistant terminals are housed in a robust galvanized cast iron enclosure.

Dräger Polytron SE Ex HT M DD (High Temperature Catalytic Sensor)			
Polytron SE Ex HT M DD Cast Iron Housing	6812720	1	344
Remote Calibration Adapter DD	6812480	1	348
Dräger Sensor HT M DQ	6814145	1	360
Dräger Polytron SE Ex (Sensor incl. Ex enclosures, w/o electronics for remote sensor applications)			
Dräger Polytron SE Ex PR M1 DD, small standard housing, 0-100 %LEL	6812711	1	344
Dräger Polytron SE Ex PR M2 DD, midsize standard housing, 0-100 %LEL	6812710	1	344
Dräger Polytron SE Ex PR M3 DD, big GRP plastic housing, 0-100 %LEL	6812718	1	344
Dräger Polytron SE Ex PR NPT1 DD, flame-proof metal housing, 0-100 %LEL	6812800	1	344
Dräger Polytron SE Ex LC M1 DD, small standard housing, 0-10 %LEL	6812722	1	344
Dräger Polytron SE Ex LC M2 DD, midsize standard housing, 0-10 %LEL	6812721	1	344
Dräger Polytron SE Ex LC M3 DD, big GRP plastic housing, 0-10 %LEL	6812719	1	344
Dräger Polytron SE Ex LC NPT1 DD, flame-proof metal housing, 0-10 %LEL	6812801	1	344
Dräger Polytron SE Ex HT M DD, high temperature version, 0-100 %LEL	6812720	1	344

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Catalytic bead sensors are housing heated beads (Pellistors) which catalytically oxidize flammable gases and vapours causing their temperature to rise by the additional heat of reaction. The pellistor's resistance increases with temperature and is proportional to the gas concentration.

Spare Catalytic Sensors for SE Ex, PEX 3000 & HT Sensors

Dräger Sensor PR M DQ Spare sensor for Polytron SE Ex PR M, DD, PEX 3000 (XTR 0000 and XTR 0001). Also replacement sensor for Ex-Sensor PR M (6809225) in transmitter PEX 3000 XTR 0000 (8318280) and XTR 0001 (8318360), Polytron SE Ex PR M (6809758) and Polytron SE Ex PR M GB (6811500) and transmitter Polytron Ex (8317517) Sensor PR M DD 6812220	6814140	1	360
Dräger Sensor HT M DQ Replacement Sensor for Polytron SE Ex HT M DD. Also spare sensor for Ex-Sensor HT M (6810526) in Polytron SE Ex HT M (6810530) sensor HT M DD 6812390	6814145	1	360
Dräger Sensor PR NPT DQ Replacement Sensor for Polytron SE Ex PR NPT DD, Polytron 5200 and Polytron 8200, sensor NPT DD 6812380	6814150	1	360
Dräger Sensor Ex LC M (10%LEL) Replacement sensor for Polytron SE Ex LC M ... DD, PEX 3000 (XTR 0010 and XTR 0011). Also spare sensor for Polytron SE Ex LC M (6810486) and Polytron LC M GB (6811495)	6810350	1	360
Dräger Sensor Ex LC NPT	6810675	1	360
Dräger Sensor IR			
Dräger Sensor IR (M25)	6811100	1	375
Dräger Sensor IR (NPT)	6811110	1	375
Dräger Sensor IR complete set e (With regular Ex e junction box)	6811165	1	375
Dräger Sensor IR complete set e2 (With octa Ex e junction box)	6811265	1	375
Dräger Sensor IR complete set d (With Ex d junction box)	6811185	1	375
Dräger Sensor IR (For Polytron FX)	6811111	1	375
Dräger Sensor IR(For Polytron 2 XP Ex)	6811300	1	375
Dräger Sensor IR (For Polytron 5310/8310, Polytron FX CSA)	6811901	1	375
Dräger Sensor IR (For Polytron 2 XP Ex CSA)	6811900	1	375

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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POLYTRON 8900 UGLD (ULTRASONIC GAS LEAK DETECTOR)



Polytron 8900 reacts to changes in ultrasonic noise in the environment caused by high pressure gas leaks. Therefore it is not affected by wind diluting gas before reaching a sensor. It is possible to detect ultrasonic noise from gas leaks even in very high noise industrial settings such as operating gas turbines. Alarms are set to a sound level above ambient ultrasonic background noise along with an adjustable time delay to prevent short sound spikes from setting off alarms. Effective leak detection can be achieved at a radius of approximately 15 meters depending on the level of ultrasonic background noise.

The Polytron 8900 UGLD is an acoustic gas leak detector for detecting high pressure (>10 bar) toxic and combustible gas leaks. It includes an ultrasonic microphone sensor with a 120 degree circular angle of detection. Sensor has a range of 0-100% corresponding to 56 to 115 dBA and ships fully calibrated, ready for operation. It comes standard with an analog 3 wire 4-20mA/HART output. Relays are included but are not functional until a future firmware update. The 316L stainless steel enclosure is explosion proof Ex d.

Polytron 8900 Transmitter			
Dräger Polytron 8900 UGLD d S 4-20/HART relay	8328030	1	359
Accessories			
Magnetic Wand (blue body, white logo)	4544101	1	348
EC Sensing Head Remote UGLD w/ wall mount kit (requires cable)	8328021	1	359
Remote Cable + Plug (5m)	8323305	1	348
Remote Cable + Plug (15m)	8323315	1	348
Remote Cable + Plug (30m)	8323330	1	348
Pole Mount Kit Polytron 5x0/8x0	4544198	1	348
Blind Plug 316L St. Steel 3/4"NPT for SS Housing	4544897	1	384
UGLD Calibration and Bump Test Kit with Carrying Case (w/o Cal Gas). Includes cylinder regulator, tubing, and remote sound generator.	8328012	1	
Zero Air Gas Cylinder 112L for Calibration and Bump Test Kit.	6813239	1	
UGLD Sensor SPPT (Dräger Service Exclusive)	8328045	1	359
Dräger PolySoft Configuration Software	8323405	1	316
IR Connection Kit (requires PolySoft)	4544197	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER REGARD® 7000



The REGARD 7000 gas detection system is a universal Fire & Gas Detection control system for the detection, annunciation and alarming, should a flammable/toxic gas release or fire occur. The system comprises of many different control cards and modules. The controller is capable of accepting analogue input (4-20 mA) and HART or Digital inputs (e.g. Smoke detectors etc.).

Requires: Docking Station + 4-20 mA input modules + Relay Modules + Dashboard & Communication cards (Optional)

Terminal Blocks.

2 Pole – for Modbus output & inputs

16 pole – for Digital inputs

24 pole DC – for 4-20mA inputs & DC Relay outputs

24 pole AC – for AC Relay outputs only

Digital Input Module Required – for connecting smoke, heat, relay inputs, Manual Call Points (MCP), Break Glass etc.

System Requirements (Wired) - Appropriate number of input cards & output cards + Terminal blocks + Power supply + optional Modbus output.

System Requirements (Wireless) - Modbus Master input cards (32 detectors max) + output cards + Terminal blocks + Power supply + optional Modbus output.

All cards need one slot space in the docking station except Power supply which is external.

Input & Output card have 8 channels each (4-20 /Digital input /Relay output)

Please select all three options from Project Essential section.

REGARD 7000 (max of 16 | 32 | 64 detectors + Relays) configuration & testing 3714998

REGARD 7000 (max of 16 | 32 | 64 detectors + Relays) drawing & documentation 1993911

REGARD 7000 (max of 16 | 32 | 64 detectors + Relays) Panel Building & internal wiring 1993911

Number of detectors	No of Input cards	Number of relays	No of relay cards
8	1	8	1
16	2	16	2
24	3	24	3
32	4	32	4
40	5	40	5
48	6	48	6
56	7	56	7
64	8	64	8

Dräger REGARD® 7000			
REGARD 7000 Advanced Dashboard PM basic unit	8328260	1	350
REGARD 7000 Advanced Dashboard PM configurable (Panel Mount)	8326860	1	350
REGARD 7000 Add-On Component Report	8324024	1	350
REGARD 7000 Add-On Library	8324023	1	350
REGARD 7000 Add-On System Documentation	8324025	1	350
REGARD 7000 Add-On System Configuration	8327841	1	350

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Input/output (I/O) Modules & Accessories (Input, Relays & Output modules require Terminals)			
REGARD 7000 Docking Station 8-Slot	8322286	1	350
REGARD 7000 Docking Station 4-Slot	8322320	1	350
REGARD 7000 Slot Cover (required for unused slots)	8323812	1	350
REGARD 7000 4-20 mA Input Module c/w HART® (require Terminal block 24)	8327250	1	350
REGARD 7000 4 to 20 mA Input Module (require Terminal block 24)	8324001	1	350
REGARD 7000 Digital Input Module (require Terminal block 2 pole)	8324003	1	350
REGARD 7000 Relay Module 24 V DC (require Terminal block 24)	8323250	1	350
REGARD 7000 Relay Module 240V AC (require Terminal block 24)	8324010	1	350
REGARD 7000 Relay Module 24 V DC complex (require Terminal block 24)	8324874	1	350
REGARD 7000 Relay Module 240V AC complex (require Terminal block 24)	8324875	1	350
REGARD 7000 Modbus master Input Module (require Terminal block 2)	8328200		350
REGARD 7000 Terminal Block 2 pole	8324871	1	350
REGARD 7000 Terminal Block 16 poles (for Digital input with resistor-default)	8328202	1	350
REGARD 7000 Terminal Block 16 poles (for digital inputs only)	8324017	1	350
REGARD 7000 Terminal Block 24 pole AC (for AC relay modules)	8324016	1	350
REGARD 7000 Terminal Block 24 pole DC (for 4-20mA inputs & DC Relay outputs)	8324020	1	350
REGARD 7000 Modbus RTU Gateway (output) Kit Including terminals	8324872	1	350
REGARD 7000 Bridge Module	8324870	1	350
REGARD 7000 Long Distance Gateway Set I	8323815	1	350
REGARD 7000 Profibus Gateway Set	8328191	1	350
REGARD 7000 Profinet Gateway Set	8328196	1	350
REGARD 7000 PC-Software Key	8327253	1	350
REGARD 7000 Retaining bracket set (7x)	8327257	1	350
Power Supply 10 Amps (max of 20 Tox or 16 CAT/IR)	3504092	1	222
Power Supply 20 Amps (max of 40 Tox or 32 CAT/IR)	3504091	1	222
Redundancy Module & UPS			
Redundancy module PSU - QUINT4-SORING/12-24DC/1X40/VP (XPC1043418)	1993911	1	222
QUINT UPS with IQ Technology Din Rail (XPC2906990) -	1993911	1	222
UPS-BAT/VRLA/24DC/3.4AH (XPC2320306)	1993911	1	222
Converters - Modbus Ethernet Fibre Optic			
FL-Comserver Uni Modbus to TCP Converter	3505400	1	384
Modbus to Ethernet Converter GW EIP/MODBUS 1E/1DB9 (XPC1062540)	1993911	1	222
Fiber Optics Converter Pheonix Contact 3005T (XPC2902854)	1993911	1	222

Draeger Australia & New Zealand | Subject to modifications | www.draeger.com

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
SMS Option			
SMS Module TC MOBILE I/O X200-4G (XPC1038567) (requires cable below)	1993911	1	222
Antennae Mobile Wall with 5 m cable for above (XPC2702273)	1993911	1	222
Projects Essentials			
REGARD 7000 (max of 16 detectors + Relays) configuration & testing	3714998	1	222
REGARD 7000 (max of 32 detectors + Relays) configuration & testing	3714998	1	222
REGARD 7000 (max of 64 detectors + Relays) configuration & testing	3714998	1	222
REGARD 7000 (max of 16 detectors + Relays) drawing & documentation	1993911	1	222
REGARD 7000 (max of 32 detectors + Relays) drawing & documentation	1993911	1	222
REGARD 7000 (max of 64 detectors + Relays) drawing & documentation	1993911	1	222
REGARD 7000 (max of 16 detectors + Relays) Panel Building & internal wiring	1993911	1	222
REGARD 7000 (max of 32 detectors + Relays) Panel Building & internal wiring	1993911	1	222
REGARD 7000 (max of 64 detectors + Relays) Panel Building & internal wiring	1993911	1	222

DRAEGER RVP 7000



Draeger RVP 7000 is a visualizations panel for data management and graphical representation of your Draeger REGARD 7000 control system. Tables, alarm messages and icons provide an overview of measured values, and the statuses of gas warning systems. The panel is simple to operate using touch functions.

Requires:- Regard 7000 Modbus RTU set + RVP 7000 (standard or web version depending on the number of channels/gas detectors)

Polytron RVP 7000			
REGARD 7000 Modbus RTU Gateway Set	8324872	1	350
Dräger RVP 7000 80 Channel Set	8328664	1	350
Dräger RVP 7000 80 Channel Web Set	8328665	1	350
Dräger RVP 7000 160 Channel Set	8328653	1	350
Dräger RVP 7000 160 Channel Set	8328654	1	350

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CONTROL SYSTEMS



Obsolete - Replaced with REGARD 7000

Spare parts available till 2024

The REGARD gas detection system is a universal control system for the detection, annunciation and alarming, should a flammable or toxic gas release occur. The system comprises of many different control cards and modules. Each control card in the system operates independently, or can be combined together with other cards to extend system functionality and integrity.

REGARD Rack System			
Card Frames			
19" cardframe (Rack)	4205700	1	380
Half 19" cardframe (Rack)	4205709	1	380
Channel Cards			
4..20mA card	4205701	1	380
SE Ex card	4205703	1	380
HART card	4205900	1	380
HART card (Polytron 7000)	4208987	1	
8 channel 4..20mA card	4206078	1	380
Relay display card	4206081	1	380
Optical card	4206085	1	380
Modules			
8 channel 4..20mA module	4206079	1	380
Relay module	4206432	1	380
System Cards			
Master card	4205702	1	380
Xtra Master card	4205702	1	380
ATEX Channel Cards (For SIL Systems Only)			
4..20mA card	4206706	1	380
SE Ex card	4206707	1	380
8 channel 4..20mA card	4206717	1	380
Relay display card	4206719	1	380
Optical card	4206721	1	380

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
ATEX Channel Cards (For SIL Systems Only)			
8 channel 4..20mA card	4206078	1	380
Relay display card	4206081	1	380
Optical card	4206085	1	380
ATEX Modules (For SIL Systems Only)			
8 channel 4..20mA module	4206718	1	380
Relay module	4206720	1	380
ATEX System Cards (For SIL Systems Only)			
Master card	4206708	1	380
Communication Cards			
Modbus RTU card - Read Only	4205706	1	380
Modbus RTU card - Read/Write	4206739	1	380
Accessories			
24vdc, 10A PSU (Power Supply Unit)	4205707	1	380
Config. kit	4205708	1	
25mm Blank	4205712	10	380
REGARD PROFIBUS – DP gateway	AG00485	1	384
REGARD PROFINET gateway	AG01120	1	
REGARD INTERBUS gateway	AG00478	1	
Ethernet to Modbus gateway	SD12397	1	
Services			
Cabinet/Enclosure for Rack Systems	1993911	1	222
Engineering Drawings, Internal Wiring, Programing & Testing	1993911	1	222



The new Dräger REGARD configuration software allows safe and fast parameterization and documentation of Dräger REGARD systems. USB Interface for PC connection.

Dräger REGARD Interface Card			
Dräger REGARD interface card (Incl. configuration software and USB cable)	8322990	1	380

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Configurable via built in Keyboard

The Dräger REGARD 3920 is a standalone, self contained control system for the detection of Toxic, Oxygen and Ex hazards. The control system is fully configurable between 1 and 16 channels, depending on the type and quantity of input/output boards installed. Transmitter input boards for four off 4 - 20 mA signals can be mixed with relay boards in the same control system. The robust IP 65 housing allows the control system to be installed in almost any location, excluding hazardous, classified areas. Developed with an innovative modular design means that the entire system is suitable for the most stringent of budgets. At anytime, the control system can be up-graded to meet with plant extensions and changes.



REGARD 39x0 can have max of 4 input or relay cards in the following combination

Base Unit + 1-input (4 detector) + 1 Relay (7 outputs)

Base Unit + 1-input (4 detector) + 2 Relay (14 outputs)

Base Unit + 2-input (8 detector) + 2 Relay (14 outputs)

Base Unit + 2-input (8 detector) + 1 Relay (7 outputs)

Base Unit + 3-input (12 detector) + 1 Relay (7 outputs)

Base Unit + 4-input (16 detector) + 0 Relay (0 outputs)

Select appropriate power supply.

Optional Modbus for integration with third party systems.

Input card has 2 common alarm relays & one fault relay outputs.

REGARD 3920 (4 to 16 Channel controller with Programmable Keys)			
REGARD 3920 Base Unit	4208850	1	381
REGARD 3900/3910/3920 4-20mA input module 4 way	4208782	1	381
REGARD 3900/3910/3920 Relay Bank	4208784	1	381
REGARD 3900 Repeat 4-20mA Board (for 8 channels)	4208797	1	381
REGARD 3900 PSU 4 Channel 24 VDC/2.5 A/ 60 Watts	4208745	1	381
REGARD 3900 PSU 8 Channel 24 VDC/5.0 A/ 120 Watts	4208746	1	381
REGARD 3900 PSU 12 - 16 Channel 24 VDC/10 A/ 240 Watts	4208747	1	381
REGARD 3900/3910/3920 Ribbon cable	4208750	1	381
REGARD 3900/3910/3920 Earthing Plate	4208777	1	389
REGARD 3920 Display Board (Spare)	4208846	1	381
REGARD 3900 / 3920 mounting bracket	4208796	1	381
REGARD 3900 / 3910 / 3920 Configuration cable (software free download)	4208785	1	381
Converters Modbus TCP Profibus			
REGARD 3900 Modbus Gateway (Requires Cable SC00084)	SC00083	1	381
REGARD 3900 Profibus Gateway (Requires Cable SC00084)	AG01100	1	381
REGARD 3900 Modbus TCP/IP Gateway (Requires Cable SC00084)	SD13037	1	381
REGARD 3900 Modbus Gateway Cable	SC00084	1	381

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
UPS			
TRIO-UPS-2G/1AC/24DC/5 UPS with integrated power supply unit (XPC2907160)	1993911	1	222
UPS-Battery VRLA/24DC/1.3 AH (XPC2320296)	1993911	1	222
UPS-Battery VRLA/24DC/3.4 AH (XPC2320306)	1993911	1	222
SMS Option			
SMS Module TC MOBILE I/O X200-4G (XPC1038567) (requires cable below)	1993911	1	222
Antennae Mobile Wall with 5 m cable for above (XPC2702273)	1993911	1	222
Services			
REGARD 3900/3920 (max of 8 detectors + Relays) configuration & testing	3714998	1	222
REGARD 3900/3920 (max of 16 detectors + Relays) configuration & testing	3714998	1	222
REGARD 3900/3920 (max of 16 detectors + Relays) drawing	1993911	1	222
Communication Options (require gateway module + cable)			
REGARD 3900 Modbus Gateway (Requires Cable SC00084)	SC00083	1	381
REGARD 3900 Profibus Gateway (Requires Cable SC00084)	AG01100	1	381
REGARD 3900 Modbus TCP/IP Gateway (Requires Cable SC00084)	SD13037	1	381
REGARD 3900 Modbus Gateway Cable	SC00084	1	381

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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The Dräger REGARD 3900 is a standalone, self-contained control system for the detection of Toxic, Oxygen and Ex hazards. The control system is fully configurable between 1 and 16 channels, depending on the type and quantity of input/output boards installed. Transmitter input boards for four off 4 - 20 mA signals can be mixed with relay boards in the same control system. The robust IP 65 housing allows the control system to be installed in almost any location, excluding hazardous, classified areas. developed with an innovative modular design means that the entire system is suitable for the most stringent of budgets. At any time, the control system can be up-graded to meet with plant extensions and changes.

REGARD 39x0 can have max of 4 input or relay cards in the following combination

Base Unit + 1-input (4 detector) + 1 Relay (7 outputs)

Base Unit + 1-input (4 detector) + 2 Relay (14 outputs)

Base Unit + 2-input (8 detector) + 2 Relay (14 outputs)

Base Unit + 2-input (8 detector) + 1 Relay (7 outputs)

Base Unit + 3-input (12 detector) + 1 Relay (7 outputs)

Base Unit + 4-input (16 detector) + 0 Relay (0 outputs)

Select appropriate power supply.

Optional Modbus for integration with third party systems.

Input card has 2 common alarm relays & one fault relay outputs.

Requires PC Software and Interface cable for configuration.

REGARD 3900 (Pre-configured part numbers completely assembled excluding power supply)			
REGARD 3900 1 + 1 incl. housing, 1 input board + 1 relay board)	4208810	1	381
REGARD 3900 1 + 2 incl. housing, 1 input board + 2 relay board)	4208811	1	381
REGARD 3900 2 + 0 incl. housing, 2 input board + 0 relay board)	4208812	1	381
REGARD 3900 2 + 1 incl. housing, 2 input board + 1 relay board)	4208813	1	381
REGARD 3900 2 + 2 incl. housing, 2 input board + 2 relay board)	4208814	1	381
REGARD 3900 3 + 0 incl. housing, 3 input board + 0 relay board)	4208815	1	381
REGARD 3900 3 + 1 incl. housing, 3 input board + 1 relay board)	4208816	1	381
REGARD 3900 4 + 0 incl. housing, 4 input board + 0 relay board)	4208817	1	381
Note: Please add suitable Power Supply Unit from below (PSU)			
REGARD 3900 (4 to 16 Channel Controller)			
REGARD 3900	4208780	1	381
REGARD 3900 4-20mA input module 4 channel	4208782	1	381
REGARD 3900 Relay Bank	4208784	1	381
REGARD 3900 RS232/CAN Interface	4208785	1	381
REGARD 3900 Repeat 4-20mA Board (for 8 channels)	4208797	1	381
REGARD 3900 PSU 4 Channel 24 VDC/2.5 A/ 60 Watts	4208745	1	381

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
REGARD 3900 PSU 8 Channel 24 VDC/5.0 A/ 120 Watts	4208746	1	381
REGARD 3900 PSU 12 - 16 Channel 24 VDC/10 A/ 240 Watts	4208747	1	381
REGARD 3900 Ribbon cable	4208750	1	381
REGARD 3900 Earthing plate	4208777	1	389
REGARD 3900 Display Board (spare / 3910)	4208781	1	381
REGARD 3900 / 3920 mounting bracket	4208796	1	381
REGARD 3900 / 3910 / 3920 Configuration cable (software free download)	4208785	1	381
Converters Modbus TCP Profibus			
REGARD 3900 Modbus Gateway (Requires Cable SC00084)	SC00083	1	381
REGARD 3900 Profibus Gateway (Requires Cable SC00084)	AG01100	1	381
REGARD 3900 Modbus TCPIP Gateway (Requires Cable SC00084)	SD13037	1	381
REGARD 3900 Modbus Gateway Cable	SC00084	1	381
UPS			
TRIO-UPS-2G/1AC/24DC/5 UPS with integrated power supply unit (XPC2907160)	1993911	1	222
UPS-Battery VRLA/24DC/1.3 AH (XPC2320296)	1993911	1	222
UPS-Battery VRLA/24DC/3.4 AH (XPC2320306)	1993911	1	222
SMS Option			
SMS Module TC MOBILE I/O X200-4G (XPC1038567) (requires cable below)	1993911	1	222
Antennae Mobile Wall with 5 m cable for above (XPC2702273)	1993911	1	222
Services			
REGARD 3900/3920 (max of 8 detectors + Relays) configuration & testing	3714998	1	222
REGARD 3900/3920 (max of 16 detectors + Relays) configuration & testing	3714998	1	222
REGARD 3900/3920 (max of 16 detectors + Relays) drawing	1993911	1	222
Communication Options (require gateway module + cable)			
REGARD 3900 Modbus Gateway (Requires Cable SC00084)	SC00083	1	381
REGARD 3900 Profibus Gateway (Requires Cable SC00084)	AG01100	1	381
REGARD 3900 Modbus TCPIP Gateway (Requires Cable SC00084)	SD13037	1	381
REGARD 3900 Modbus Gateway Cable	SC00084	1	381

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER REGARD® 3910 CONTROL SYSTEM



The Dräger REGARD 3910 is a standalone, self-contained control system for the detection of Toxic, Oxygen and Ex hazards. The control system is fully configurable between 1 and 16 channels, depending on the type and quantity of input/output boards install.

Does not include cabinet/enclosure. Multiple 3900 display, input cards, relays cards can be assembled into a cabinet for larger systems (e.g. 32, 48, 64 channels). Each 16 channel system will be independent and common relays hard wired between systems.

REGARD 3910			
REGARD 3910 Bezel Assembly	4208830	1	381
REGARD 3910 Mounting Plate	4208831	1	381
REGARD 3900/3910 Display Board (Spare)	4208781	1	381
REGARD 3900/3910 4-20mA input module 4 way	4208782	1	381
REGARD 3900/3900 Relay Bank	4208784	1	381
REGARD 3900/3910 RS232/CAN Interface	4208785	1	381
REGARD 3900/3910 Repeat 4-20mA Board	4208797	1	381
REGARD 3900 PSU 4 Channel 24 VDC/2.5 A/ 60 Watts	4208745	1	381
REGARD 3900 PSU 8 Channel 24 VDC/5.0 A/ 120 Watts	4208746	1	381
REGARD 3900 PSU 12 - 16 Channel 24 VDC/10 A/ 240 Watts	4208747	1	381
REGARD 3900/3910 Ribbon cable	4208750	1	381
REGARD 3900/3910/3920 Earthing Plate	4208777	1	389
Converters Modbus TCP Profibus			
REGARD 3900 Modbus Gateway (Requires Cable SC00084)	SC00083	1	381
REGARD 3900 Profibus Gateway (Requires Cable SC00084)	AG01100	1	381
REGARD 3900 Modbus TCP/IP Gateway (Requires Cable SC00084)	SD13037	1	381
REGARD 3900 Modbus Gateway Cable	SC00084	1	381
UPS			
TRIO-UPS-2G/1AC/24DC/5 UPS with integrated power supply unit (XPC2907160)	1993911	1	222
UPS-Battery VRLA/24DC/1.3 AH (XPC2320296)	1993911	1	222
UPS-Battery VRLA/24DC/3.4 AH (XPC2320306)	1993911	1	222

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
SMS Option			
SMS Module TC MOBILE I/O X200-4G (XPC1038567) (requires cable below)	1993911	1	222
Antennae Mobile Wall with 5 m cable for above (XPC2702273)	1993911	1	222
Communication Options (require gateway module + cable)			
REGARD 3900 Modbus Gateway (Requires Cable SC00084)	SC00083	1	381
REGARD 3900 Profibus Gateway (Requires Cable SC00084)	AG01100	1	381
REGARD 3900 Modbus TCPIP Gateway (Requires Cable SC00084)	SD13037	1	381
REGARD 3900 Modbus Gateway Cable	SC00085	1	381

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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REGARD® 3000 CONTROLLER (2 | 4 CHANNEL)



Monitor various gases and vapours with the modular Dräger REGARD® 3000 control system. Its multi-coloured status light signals the status of your gas detection system. The controller allows you to combine three different modules: Input, Relay and Gateway module. You can connect, up to four analogue transmitters and eight relays in combination.

- Available in colours Black (larger stock) or White (used in labs/Pharma etc.)
- Inputs: 2 channel or 4 channel input cards
- Outputs: 4 or 8 Relay output cards
- Outputs: Modbus RTU/TCP Gateway options
- Multi-coloured LED status indication (Red for alarms), (Blue for Healthy) (Yellow for Warning)
- Mounting option - Box Version or Cabinet version
- Base Unit incl. Docking station, Horn and power supply for controller & detectors

Requires: Base unit + display unit + input card (2 or 4 channel). Includes built-in 2 x common Alarm Relays. Additional relay Card can be added for up to 8 relay outputs. Also includes option of Modbus RTU/TCP Output. Slot Cover required for unused slots

The Variogard is to be used only in safe area applications within the temperature range specified. Variogard requires Dräger Variogard Central Control Unit. Service can only be performed by Dräger Service unless the customer purchases a complete licensed copy of the software (for use in one PC only)

REGARD® 3000 Box Controller			
Dräger REGARD® Display Unit black	3709719	1	383
Dräger REGARD® 3000 Base Unit black	3705684	1	383
Dräger REGARD® 3000 Display Unit grey	3705685	1	383
Dräger REGARD® 3000 Base Unit grey	3706357	1	383
REGARD® 3000 Cabinet Mounting			
Dräger REGARD® 3000 Display Unit grey	3705685	1	383
Dräger REGARD® 3000 Docking Station	3709678	1	383
Dräger REGARD® 3000 Cabinet Wire Harness 2m	3704261	1	383
Dräger REGARD® 3000 Adapter Plate Set	3711953	1	383

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
System Components			
Dräger REGARD® 3000 4-20mA Input Module 2Ch	3705680	1	383
Dräger REGARD® 3000/5000 4-20mA Input Module 4Ch	3705681	1	383
Dräger REGARD® 3000/5000 Slot-cover	3705672	1	383
Dräger REGARD® 3000/5000 Relay Module 4Ch	3705687	1	383
Dräger REGARD® 3000/5000 Relay Module 8Ch	3705688	1	383
Dräger REGARD® 3000/5000 MB RTU Gateway Module	3705693	1	383
Dräger REGARD® 3000/5000 MB TCP Gateway Module	3705694	1	383
Accessories			
Dräger REGARD® 3000 dust cover	3716409	1	383
Socket wrench for cable gland	3716411	1	383
Dräger REGARD® 3000 Retaining Clip	3720165	1	383
Dräger REGARD® 3000/5000 PC-Software Key	3709533	1	383

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SAFE AREA DETECTORS (TOXIC/FLAMMABLE) & CONTROLLERS



The variogard is a state of the art system for continuous measurement and monitoring of gas concentrations in the environment. Up to 100 transmitters or modules can be connected via a digital bus to the central unit. The system is extremely flexible and can be configured by software to meet the needs of various applications. Detectors can be wired in series, star or mesh network.

Requires: Central Unit (max of 25 detectors) includes five relays + Repeater (> 25 detectors) or Converter (for 4 to 20mA input detectors only)

To connect Analog (4 to 20mA) transmitters or digital inputs from Temperature transmitters with VarioGard controller, use convertor module.

VarioGard Central Control Unit			
Controller			
VarioGard central unit, English, wall mount. 230 V AC	8315350	1	349
VarioGard central unit, English, cabinet vers. 230 V AC	8315360	1	349
Modules			
VarioGard battery module 28 VDC, 7Ah w/o battery	8315178	1	349
Lead battery-set VarioGard (battery for above)	8315569	1	349
VarioGard Relay module (five freely programmable relays)	8315238	1	349
VarioGard Converter module (convert 4 to 20mA to Bus)	8315226	1	349
VarioGard Repeater	8317146	1	349
Wallmount.Housing VarioGard	8315647	1	349
VarioGard Modbus Gateway	8324834	1	349
Dräger VVP 1000 (VarioGard Visualization Panel)			
Dräger VVP 1000 (1:1)	8325681	1	349
Dräger VVP 1000 (1:2)	8325682	1	349
Dräger VVP 1000 (1:3)	8325683	1	349
VarioGard modbus gateway	8324834	1	349
Accessories			
Cable gland M 20 x 1.5, 10 each	8315420	1	349
Calibration adapter VarioGard 3x00	8322015	1	349
Software-Set VarioGard 3x00 (Incl. USB adapter)	8322016	1	349
Magnetic wand	4543428	1	349
Operating Manual VarioGard	9033185	1	349
External UPS			
TRIO-UPS-2G/1AC/24DC/5 UPS with integrated power supply unit (XPC2907160)	8315420	1	349
UPS-Battery VRLA/24DC/1.3 AH (XPC2320296)	1993911	1	222
UPS-Battery VRLA/24DC/3.4 AH (XPC2320306)	1993911	1	222

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER VARIOGARD 3X00 TRANSMITTER



Dräger Variogard 3x00 Transmitter with integrated sensor for gas detection in ambient air. A simple digital gas warning system for non-industrial gas detection systems.

The Variogard is to be used only in safe area applications within the temperature range specified. Variogard requires Dräger Variogard Central Control Unit. Service can only be performed by Dräger Service unless the customer purchases a complete licensed copy of the software (for use in one PC only)

VarioGard 3x00 - (Digital Bus Type Gas Detector)			
Bus-Transmitter (Plastic Housing)			
VarioGard 3000 EC CO PL (Range: 0 to 300 ppm)	8322050	1	349
VarioGard 3000 EC NO2 PL (Range: 0 to 20 ppm)	8322051	1	349
VarioGard 3000 EC NH3 PL (Range: 0 to 1200 ppm)	8322052	1	349
VarioGard 3000 EC O2 PL (Range: 0 to 25% Vol.)	8322053	1	349
VarioGard 3000 EC NO PL (Range: 0 to 50 ppm)	8322054	1	349
Bus-Transmitter (Aluminium Housing)			
VarioGard 3000 EC CO AL (Range: 0 to 300 ppm)	8322055	1	349
VarioGard 3000 EC NO2 AL (Range: 0 to 20 ppm)	8322056	1	349
VarioGard 3000 EC NH3 AL (Range: 0 to 1200 ppm)	8322057	1	349
VarioGard 3000 EC O2 AL (Range: 0 to 25% Vol.)	8322058	1	349
VarioGard 3000 EC NO AL (Range: 0 to 50 ppm)	8322059	1	349
VarioGard 3200 CAT AL (alu-housing)	8322787	1	349
VarioGard 3320 IR CO2 AL (Range: 0 to 5% Vol.)	8323628	1	349
VarioGard 3300 IR Ex AL (Range: 0 to 100% LEL CH4 /LPG)	8323627	1	349

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER VARIOGARD 23X0 IR TRANSMITTER



Dräger Variogard 23X0 IR Transmitter with integrated sensor for gas detection Methane/LPG or CO2 in ambient air. A simple gas detector for light/clean industrial application with 4 to 20mA output. Maintenance can be performed using a magnetic wand.

The Variogard is to be used only in safe area applications within the temperature range specified. Variogard analogue detectors can be interfaced to Dräger or third party controllers.

No built-in horn.

Variogard 23x0 IR - (4-20mA output IR Gas Detector for Safe Area)			
Analogue-Transmitter (Aluminium Housing)			
VarioGard 2300 IR Ex AL (alu-housing) for detection of LPG/Methane Range: 0 - 100% LEL	8324832	1	349
VarioGard 2320 IR CO2 AL (alu-housing) Range: 0 - 5% Vol.	8324833	1	349

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER POLYTRON® 2000 TRANSMITTER



The Dräger Polytron 2000 transmitter is a cost optimized general purpose transmitter for continuous monitoring of toxic gases and oxygen in ambient air. The compact housing consists of two parts: the "Polytron docking station" and the "Polytron 2000" device. The high measuring Performance is based on the new Dräger sensor MEC which needs to be adapted to each Polytron 2000 with a MEC-key.

Requires: Polytron 2000 + Docking Station Polytron 2000 + Sensor + MEC Key

Polytron 2000 - (Analogue Type Gas Detector for Toxic gases -Safe Area only)			
Polytron 2000 CO 300 PPM	8323684	1	340
Polytron 2000 H2S LC 100 PPM	8323688	1	340
Polytron 2000 NH3 LC 200 PPM	8323689	1	340
Polytron 2000 NH3 HC 1000 PPM	8323741	1	340
Polytron 2000 NH3 TL 100 PPM	8328624	1	340
Polytron 2000 NH3 TL 300 PPM	8328625	1	340
Polytron 2000 O2-LS 25 Vol%	8323747	1	340
Polytron 2000 Cl2 10 PPM	8323750	1	340
Polytron 2000 NO 20 PPM	8328631	1	340
Docking Station Polytron 2000	8323677	1	340
MEC-Key	6812695	1	348
Sensors			
Dräger Sensor MEC CO	6812730	1	367
Dräger Sensor MEC H2S	6812735	1	367
Dräger Sensor MEC NH3	6812750	1	367
Dräger Sensor MEC O2	6812740	1	367
Dräger Sensor MEC Cl2	6812745	1	367
Dräger Sensor NH3 HC	6809645	1	367
Dräger Sensor NH3 TL (Range: 0 - 300 PPM)	6813095	1	367
Accessories			
Dräger PSD 3000	8319270	1	348
Duct mount kit Polytron 3000/7000	8317150	1	348
Mounting set P2IR/P3000/P7000	6809951	1	348
Calibration adapter V	6810536	1	348
Gassing adapter PE	6806978	1	348
Set Hawke cable gland Polytron 3000 / 7000	8319029	1	348
Splash guard	6812510	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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REFRIGERANT & SF6 TRANSMITTER



Monitor your cooling system reliably for leaks. This allows you to safely monitor occupational exposure limits. Equipped with non-dispersive infrared technology (NDIR), the refrigerant transmitter quickly and reliably detects refrigerant even in the ppm range in ambient air. The optical measuring technology works according to a physical measuring principle – without chemical reactions or wearing parts. This measuring stability gives you security in the operation of your refrigeration system. It also reduces the cost of verification and recalibration.

Refrigerant Transmitter 4-20 mA			
Refrigerant Transmitter R134a 2000 ppm	AG01604	1	349
Refrigerant Transmitter R404a 2000 ppm	AG01604	1	349
Refrigerant Transmitter R123 2000 ppm	AG01605	1	349
Refrigerant Transmitter R22 2000 ppm	AG01606	1	349
Refrigerant Transmitter R125 2000 ppm	AG01607	1	349
Refrigerant Transmitter R1234yf 1000 ppm	AG01608	1	349
Refrigerant Transmitter R407a 2000 ppm	AG01617	1	349
Refrigerant Transmitter R407c 2000 ppm	AG01618	1	349
Refrigerant Transmitter R410a 2000 ppm	AG01619	1	349
Refrigerant Transmitter R507 2000 ppm	AG01620	1	349
Refrigerant Transmitter SF6 1500 ppm	AG01621	1	349
Refrigerant Transmitter R1234yf 2000 ppm	AG01649	1	349
Refrigerant Transmitter R1234ze 2000 ppm	AG01686	1	349
Refrigerant Transmitter R449a 2000 ppm	3705323	1	349
Refrigerant Transmitter R513a 2000 ppm	3705324	1	349

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Refrigerant Transmitter Variogard			
Refrigerant Transmitter SF6 (BUS) 1500 ppm	3707788	1	349
Refrigerant Transmitter R513a (BUS) 1500 ppm	3707789	1	349
Refrigerant Transmitter R507a (BUS) 2000 ppm	3707790	1	349
Refrigerant Transmitter R449a (BUS) 2000 ppm	3707791	1	349
Refrigerant Transmitter R410aa (BUS) 2000 ppm	3707792	1	349
Refrigerant Transmitter R407c (BUS) 2000 ppm	3707793	1	349
Refrigerant Transmitter R1234ze (BUS) 2000 ppm	3707794	1	349
Refrigerant Transmitter R407a (BUS) 2000 ppm	3707795	1	349
Refrigerant Transmitter R404a (BUS) 2000 ppm	3707796	1	349
Refrigerant Transmitter R22 (BUS) 2000 ppm	3707797	1	349
Refrigerant Transmitter R134a (BUS) 2000 ppm	3707798	1	349
Refrigerant Transmitter R134a (BUS) 1000 ppm	3707799	1	349
Refrigerant Transmitter R125 (BUS) 2000 ppm	3707800	1	349
Refrigerant Transmitter R1234yf (BUS) 1000 ppm	3707801	1	349
Refrigerant Transmitter R1234yf (BUS) 2000 ppm	3707802	1	349
Refrigerant Transmitter R123 (BUS) 2000 ppm	3707803	1	349
Accessories			
Calibration Adapter	AG01625	1	349

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PEX 1000 CONTROL UNIT



PEX 1000 establishes the link between the Polytron SE Ex DD sensing heads and a control unit. PEX 1000 converter module installed in a safe area convert mV signal from the catalytic sensor to a 4-20-mA Signal, and by means of suitable central controllers, can be used to activate automatic countermeasures and alarm devices. A two digit 7-segment display with two operating keys is accessible to perform menu-controlled one-man-calibration and maintenance.

PEX 1000 requires sensor Polytron SE Ex which may be installed in hazardous areas.

PEX 1000 - Convertor Module			
Draeger PEX 1000	8324835	1	
Sensing head Polytron SE Ex PR M1 DD	6812711	1	344

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER POINTGARD 2100



The Dräger PointGard 2100 is a self-contained gas detection system for the continuous area monitoring of toxic gases in ambient air. PointGard 2100's rugged, water resistant enclosure comes complete with a horn and strobes plus a built in power supply.

The standard version has amber and red strobes while the green version has a green steady status light and a red strobe.

AC: 120/240V AC Power Supply

DC: 8-30V DC Converter

*AC Power cable with plug is optional.

Standard version has amber (A1 Alarm) and red strobes (A2 Alarm)

Green version has Green (Safe) and red strobes (Alarm)

Gas Monitors			
Dräger PointGard 2100 EC AC w/ Amber Red Beacons	8326420	1	377
Dräger PointGard 2100 EC AC w/ Green Red Beacons	8326426	1	377
Dräger PointGard 2100 EC DC w/ Amber Red Beacons	8326423	1	377
Sensors			
Dräger Sensor AC	6810595	1	367
Dräger Sensor Cl ₂	6809665	1	367
Dräger Sensor CO	6809605	1	367
Dräger Sensor CO LS	6809620	1	367
Dräger Sensor CO LH (Hydrogen compensated)	6812570	1	367
Dräger Sensor COCl ₂	6809930	1	367
Dräger Sensor H ₂	6809685	1	367
Dräger Sensor H ₂ O ₂ HC	6809675	1	367
Dräger Sensor H ₂ O ₂ LC	6809705	1	367
Dräger Sensor H ₂ S	6810435	1	367
Dräger Sensor H ₂ S HC	6809710	1	367
Dräger Sensor H ₂ S LC	6809610	1	367
Dräger Sensor HCl	6809640	1	367
Dräger Sensor HCN	6809650	1	367
Dräger Sensor HCN LC	6813200	1	367
Dräger Sensor PH ₃ /AsH ₃	6809695	1	367
Dräger Sensor Hydride	6809635	1	367

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Dräger Sensor Hydride SC	6809980	1	367
Dräger Sensor N ₂ H ₄	6810180	1	367
Dräger Sensor NH ₃ HC	6809645	1	367
Dräger Sensor NH ₃ FL	6813260	1	367
Dräger Sensor NH ₃ TH	6800055	1	367
Dräger Sensor NO	6809625	1	367
Dräger Sensor NO ₂	6809655	1	367
Dräger Sensor NO ₂ LC	6813205	1	367
Dräger Sensor O ₂	6809720	1	367
Dräger Sensor O ₂ LS	6809630	1	367
Dräger Sensor Ozone	6814005	1	367
Dräger Sensor OV 1	6810740	1	367
Dräger Sensor OV 2	6810745	1	367
Dräger Sensor SO ₂	6809660	1	367
Accessories			
Mounting Brackets (set of 4 w/ screws)	8326497	1	348
EC Sensing Head Remote w/ wall mount kit (requires cable)	6812684	1	372
Remote Cable & Plug 5 m	8323305	1	348
Remote Cable & Plug 15 m	8323315	1	348
Remote Cable & Plug 30 m	8323330	1	348
Green LED Status light (includes interface cable)	8326419	1	377
Blue LED Strobe Light	8326472	1	394
Calibration Adapter Viton (black rubber)	6810536	1	348
Gassing / Calibration Adapter (white silicone)	6806978	1	348
Splash Guard	6812510	1	348
Sensor Diagnostics Dongle (includes Sensor Test)	8317860	1	347
Sensor Test Dongle	8317619	1	347
EW 3 Power Cable 2.5 m PointGard 2000, AUS*	8326452	1	377
Dräger PolySoft Configuration Software License (1 year)	8328600	1	316
IR Connection Kit (requires PolySoft)	4544197	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER POINTGARD 2200



The Dräger PointGard 2200 is a self-contained gas detection system for the continuous area monitoring of combustible gases in ambient air. PointGard 2200's rugged, water resistant enclosure comes complete with a horn and strobes plus a built in power supply. The standard version has amber and red strobes, while the green version has a green steady status light and a red strobe.

Remote version requires XP junction box and sensor or Polytron SE Ex.
 AC: 120/240V AC Power Supply
 DC: 8-30V DC Converter
 *AC Power cable with plug is optional.

Standard version has amber (A1 Alarm) and red strobes (A2 Alarm)
 Green version has Green (Safe) and red strobes (Alarm)

Gas Monitors			
Dräger PointGard 2200 CAT AC w/ sensor, Amber Red Beacons	8326421	1	377
Dräger PointGard 2200 CAT AC w/ sensor, Green Red Beacons	8326427	1	377
Dräger PointGard 2200 CAT AC Remote w/o sensor, Amber Red Beacons	8326422	1	377
Dräger PointGard 2200 CAT AC Remote w/o sensor, Green Red Beacons	8326468	1	377
Dräger PointGard 2200 CAT DC w/ sensor, Amber Red Beacons	8326424	1	377
Dräger PointGard 2200 CAT DC Remote w/o sensor, Amber Red Beacons	8326425	1	377
Remote Sensor			
Polytron SE Ex PR M1 DQ (small standard housing)	6812711	1	344
Remote XP Junction Box 316L St. Steel (includes 8327024)	4544098	1	348
Remote XP Junction Box Aluminum (includes 8327024)	4544099	1	348
Remote Sensor Plug and Play Wiring Kit for XP Junction Boxx	8327024	1	348
Dräger Sensor PR NPT DQ (Spare sensor w/o housing)	6814150	1	360
Accessories			
Mounting Brackets (set of 4 w/ screws)	8326497	1	348
Green LED Status light (includes interface cable)	8326419	1	377
Blue LED Strobe Light (requires cable)	8326472	1	394
Calibration Adapter Viton (black rubber)	6810536	1	348
Splash Guard	6812510	1	348
EW 3 Power Cable 2.5 m PointGard 2000, AUS*	8326452	1	377

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER POINTGARD 2700



The Dräger PointGard 2700 IR is a self-contained gas detection system for the continuous area monitoring of hydrocarbons in ambient air using a remote mounted PIR 7000 IR sensor. PointGard 2700's rugged, water resistant enclosure comes complete with a horn and strobes plus a built in power supply. The standard version has amber and red strobes, while the green version has a green steady status light and a red strobe.

IR Sensor is not included. Please select a PIR 7000 from the list below.

AC: 120/240V AC Power Supply

DC: 8-30V DC Converter

*AC Power cable with plug is optional.

Standard version has amber (A1 Alarm) and red strobes (A2 Alarm)

Green version has Green (Safe) and red strobes (Alarm)

Requires: PointGard 2700 + PIR 7000 remote sensor

Gas Monitors			
Dräger PointGard 2700 IR AC Remote w/o sensor, Amber Red Beacons	3706858	1	377
Dräger PointGard 2700 IR AC Remote w/o sensor, Green Red Beacons	3706860	1	377
Dräger PointGard 2700 IR DC Remote w/o sensor, Amber Red Beacons	3706859	1	377
Remote Sensor			
Dräger PIR 7000 type 334 (NPT) HART complete set With Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813035	1	343
Dräger PIR 7000 type 334 (NPT) HART complete set With Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813030	1	343
Dräger PIR 7000 type 334 (M25) HART complete set With Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811817	1	343
Dräger PIR 7000 type 334 (M25) complete set With Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811825	1	343
Dräger PIR 7000 type 340 (NPT) HART complete set With Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813045	1	343
Dräger PIR 7000 type 340 (NPT) HART complete set With Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813040	1	343
Dräger PIR 7000 type 340 (M25) HART complete set With Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6811819	1	343

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Accessories			
Mounting Brackets (set of 4 w/ screws)	8326497	1	348
Green LED Status light (includes interface cable)	8326419	1	377
Blue LED Strobe Light (requires cable)	8326472	1	394
Calibration adapter PIR 7000	6811610	1	348
Flowcell PIR 7000	6811490	1	348
Bump test adapter PIR 7000	6811630	1	348
Process adapter PIR 7000	6811915	1	348
Insect guard PIR 7000	6811609	1	348
EW 3 power cable 2.5 m PointGard 2000, AUS*	8326452	1	377
Dräger PolySoft Configuration Software License (1 year)	8328600	1	316
IR Connection Kit (requires PolySoft)	4544197	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER POINTGARD 2720



The Dräger PointGard 2720 IR is a self-contained gas detection system for the continuous area monitoring of carbon dioxide (CO₂) in ambient air using a remote mounted PIR 7200 IR sensor. PointGard 2720's rugged, water resistant enclosure comes complete with a horn and strobes plus a built in power supply. The standard version has amber and red strobes, while the green version has a green steady status light and a red strobe.

IR Sensor is not included. Please select a PIR 7200 from the list below.

AC: 120/240V AC Power Supply

DC: 8-30V DC Converter

*AC Power cable with plug is optional.

Standard version has amber (A1 Alarm) and red strobes (A2 Alarm)

Green version has Green (Safe) and red strobes (Alarm)

Requires: PointGard 2720 + PIR 7200 remote sensor

Gas Monitors			
Dräger PointGard 2720 IR AC Remote w/o sensor, Amber Red Beacons	3706858	1	377
Dräger PointGard 2720 IR AC Remote w/o sensor, Green Red Beacons	3706860	1	377
Dräger PointGard 2720 IR DC Remote w/o sensor, Amber Red Beacons	3706859	1	377
Remote Sensor			
Dräger PIR 7200 (NPT) HART complete set With Ex d junction box (made of stainless steel 316), splash guard, status indicator and mounting set, already pre-assembled	6813055	1	343
Dräger PIR 7200 (NPT) HART complete set With Ex d junction box (made of aluminum), splash guard, status indicator and mounting set, already pre-assembled	6813030	1	343
Dräger PIR 7200 (M25) HART complete set With Ex e junction box incl. M20 cable gland, splash guard, status indicator and mounting set, already pre-assembled	6812290	1	342
Accessories			
Mounting Brackets (set of 4 w/ screws)	8326497	1	348
Green LED Status light (includes interface cable)	8326419	1	377
Blue LED Strobe Light (requires cable)	8326472	1	394
Calibration adapter PIR 7000	6811610	1	348
Flowcell PIR 7000	6811490	1	348
Bump test adapter PIR 7000	6811630	1	348
Process adapter PIR 7000	6811915	1	348
Insect guard PIR 7000	6811609	1	348
EW 3 power cable 2.5 m PointGard 2000, AUS*	8326452	1	377
Dräger PolySoft Configuration Software License (1 year)	8328600	1	316
IR Connection Kit (requires PolySoft)	4544197	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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OPEN PATH FLAMMABLE GAS DETECTORS (ATEX & IEC EX APPROVED)

**Obsolete: Pulsar standard succeeded by Pulsar 7000**

The Polytron Pulsar is the latest infrared technology in open path gas detection, capable of detecting a wide range of gaseous hydrocarbons. These include the alkaline series from methane to hexane, propylene, methanol, ethanol and ethylene.

Pulsar 1: Stainless steel mounting plate, Sun Shade with Exe JB

Range: 0 - 5 / 8 LEL.Meters

Tx - Transmitter

Rx - Receiver

Pulsar standard and Pulsar 2 succeeded as follows.

Short version (4- 60 meters) - require Pulsar 7000 Tx S 6851700 & Pulsar 7700 Rx S 6851702

Medium version (30- 120 meters) - require Pulsar 7000 Tx L 6851701 & Pulsar 7700 Rx S 6851702

Long version (100- 200 meters) - require Pulsar 7000 Tx L 6851701 & Pulsar 7700 Rx L 6851703

**Obsolete: Pulsar Duct succeeded by Pulsar 7000 Duct**

The Polytron Pulsar Duct Mount gas detector offers the latest infrared technology for monitoring ducts and enclosed paths for a wide range of gaseous hydrocarbons. These include the alkane series from methane to hexane, propylene, methanol, ethanol and ethylene.

Max. Duct Size : 1 to 8 meters

Measuring Range: 0 - 100% LEL

**Obsolete: Pulsar 2 succeeded by Pulsar 7000**

The Polytron Pulsar 2 is the latest infrared technology in open path gas detection, capable of detecting a wide range of gaseous hydrocarbons. These include the alkaline series from methane to hexane, propylene, methanol, ethanol and ethylene.

Pulsar 2 is available with Exe JB or with Ex d connectors and can be wall mounted. For pole mounting, additional mounting plates are U bolts will be required. Pulsar 2 is much lighter than Pulsar standard.

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Polytron Pulsar Accessories			
Gas Cell Kit - Double pass (propane and methane)	2350213	1	346
Lens Cleaning Fluid	2350291	1	346
Gas Cell Kit - Single pass (propane and methane)	2350518	1	346
Sun Shield (stainless steel) pulsar 1	2350297	1	346
Junction Box Pulsar ATEX (Eex e)	2350298	1	346
Mounting Plate Pulsar 1	2350299	1	346
Wall Mounting Plate for Duct Mount Pulsar	2350450	1	346
Set of 4 U Bolt pipe fixings for 150mm diameter pipe (standard Pulsar)	2350302	1	346
AI500 Digital interface unit for Pulsar	2350306	1	346
Pulsar Alignment Kit, ATEX/CSA	2350325	1	346
Adapter AI500 to HHT or PC	2350326	1	346
Pulsar PC Software with cable (supports Pulsar, AI500 and HHT)	2350327	1	346
Data wand for AI500	2350238	1	346
Attenuator plate AP800	2350339	1	346
Pulsar Remote Junction Box/HHT Kit	2350322	1	
Set of 6 U Bolt fixings (CSA & UL Pulsar)	2350405	1	346
Gas test sheets (Pulsar Duct Mount)	2350451	1	346
Pulsar Alignment Telescope	2350505	1	346
ABS Moulded cover	2350510	1	346
Pulsar Alignment Kit, ATEX/CSA (Ethylene Pulsar only)	2350519	1	346
Gas test sheets (Ethylene)	2350520	1	346
Gas test sheets (set of 5, spares for p/n 2350325)	2350521	1	346
Pulsar II Adjustable Backplate	2307001	1	346

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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POLYTRON PULSAR 7000

The Pulsar 7000 family consist of Pulsar 7700 (Methane, Propane & others) & Pulsar 7900 (Ethylene) and is an Ex-protected stationary gas detection system with an open measuring path to monitor hydrocarbons in gas and vapor. The extremely short reaction time of the sensor and its robust design makes the Pulsar 7700 & 7900 a reliable solution for challenges when protecting people and plant.

Explanations:

Tx S: Short Range: 4 – 60m

Tx L: Long Range: 30 - 200m

Rx S: Short Range: 4 - 120m

Rx L: Long Range: 100 - 200m

Combinations: 4 - 60m, 30 – 120m, 100 - 200m

JB Ex e - Black PE reinforced junction box (4x M20)

JB Ex e SS - stainless steel junction box (4x M25), Heavy Duty / Offshore

7000 - Transmitters for Methane, Propane, Ethylene & other hydrocarbons

7700 - Receivers for Methane, Propane & other hydrocarbons (not for Ethylene)

7900 - Receivers for Ethylene only.

HO - Horizontal plate with JB behind the Pulsar.



The Pulsar requires Transmitter and Receiver. Please select the correct Transmitter & Receiver. e.g.
 for 4-60 meters - Require Tx Short + Rx Short
 for 30-120 meters - Require Tx Long + Rx Short
 for 100 - 200 meters - Require Tx Long + Rx Long

STANDARD			
Dräger Pulsar 7000 Tx S Range JB Ex e	6851700	1	374
Dräger Pulsar 7000 Tx L Range JB Ex e	6851701	1	374
Dräger Pulsar 7700 Rx S Range JB Ex e	6851702	1	374
Dräger Pulsar 7700 Rx L Range JB Ex e	6851703	1	374
Dräger Pulsar 7900 Rx S Range JB Ex e	6851704	1	374
Dräger Pulsar 7000 Tx S Range JB Ex e Ho	6851706	1	374
Dräger Pulsar 7000 Tx L Range JB Ex e Ho	6851707	1	374
Dräger Pulsar 7700 Rx S Range JB Ex e Ho	6851708	1	374
Dräger Pulsar 7900 Rx S Range JB Ex e Ho	6851709	1	374
DUCT MOUNT			
Dräger Pulsar 7700 Duct Mount JB Ex e	6851716	1	374
Dräger Pulsar 7000 Duct Mount Tx JB Ex e	6851530	1	374
Dräger Pulsar 7700 Duct Mount Rx JB Ex e	6851531	1	374

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
HEAVY DUTY / OFFSHORE			
Dräger Pulsar 7000 Tx S Range JB Ex e SS	6851718	1	374
Dräger Pulsar 7000 Tx L Range JB Ex e SS	6851719	1	374
Dräger Pulsar 7700 Rx S Range JB Ex e SS	6851720	1	374
Dräger Pulsar 7700 Rx L Range JB Ex e SS	6851721	1	374
Dräger Pulsar 7900 Rx S Range JB Ex e SS	6851712	1	374
Accessories			
MOUNTING PARTS			
Set of Bolt pipe fixings for 50mm/2" diameter pipe (60mm OD) Pole Mount Kit for Tx & Rx	2307003	1	346
Set of 4 U Bolt pipe fixings for 150mm/6" diameter pipe (150mm OD) Pole Mount Kit for Tx & Rx	2350302	1	346
Pulsar 7000 duct wall mounting plate kit	2350450	1	346
Commissioning and Maintenance			
PIA, single unit	6851565	1	374
Alignment kit for Pulsar 7700 w/ PIA	6851630	1	374
Alignment kit for Pulsar 7900 w/ PIA	6851631	1	374
Alignment kit for Pulsar 7700 Duct Mount w/ PIA	6851632	1	374
Alignment kit with HHT, Test cards and ball driver with case for standard variant	2350325	1	346
Alignment kit with HHT, Test cards and ball driver with case for Ethylene variant	2350519	1	346
Gas test sheets Ethylene, spares for p/n 2350519	2350520	1	346
Gas test sheets, spares for p/n 2350325	2350521	1	346
Gas test sheets, Dräger Pulsar 7700 Duct Mount	2350451	1	346
Attenuator plate AP800	2350339	1	346
Lens cleaning fluid	2350291	1	346
Pulsar alignment telescope	2350505	1	346
Communication			
Remote junction box kit	2350322	1	346
AI500 digital interface	2350306	1	346
Adapter AI500 to HHT or PC	2350326	1	346
Pulsar PC cable	2307021	1	346
Calibration Kits			
Gas cell kit, single pass (Propane)	2350514	1	346
Gas cell kit, single pass (Methane)	2350516	1	346
Gas cell kit, single pass (Methane and Propane)	2350518	1	346

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER METCAM



The MetCam gas camera continuously monitors large areas for possible methane leaks. Metcam identifies the source and the intensity of the leaks thus making it easy to fix the issues. Metcam can detect small to large Methane gas leaks in its field of view from a minimum distance of 5 meters to a maximum distance of 50 meters. The gas camera visualises the gas cloud as a coloured overlay on the black and white video image and independently quantifies the concentration. As a result, you simply interpret the event from a safe distance, for example, from your control room. You can also use the MetCam to measure emissions or as a surveillance camera with a colour image and monitoring process temperatures (including alarms for abnormal conditions).

- A1 (high) & A2 (high-high) alarms via 4 – 20mA
- Video output via Giga Ethernet
- 1 x Cable entry
- Option of temperature alarms (abnormal operating conditions)
- Other options include WiFi

MetCam is not intended to replace Point or LOS gas detectors.

1 x Cable entry thread available in 3/4" NPT (preferred) or M25 (longer lead times)

Detector (IEC Ex Approved)			
MetCam Camera (M25)	3703415	1	300
MetCam Camera (3/4" NPT)	3703416	1	300
MetCam Camera (M25, Temp)	3703417	1	300
MetCam Camera (3/4" NPT, Temp)	3703418	1	300
MetCam Camera (M25, Temp, Wifi)	3703419	1	300
MetCam Camera (3/4" NPT, Temp, Wifi)	3703420	1	300
Accessories			
Pan Tilt Mounting Set	3703421	1	300
Weather shield	3703422	1	300
Functional test sheet	3703423	1	300

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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OPEN PATH TOXIC GAS DETECTORS



Senscient Open path gas detectors work on the principle of Enhanced Laser Diode Spectroscopy (ELDS)

ELDS based OPGD systems provide reliable, sensitive detection of both flammable and toxic gases at low ppm concentrations. Toxic gases of primary interest include hydrogen sulfide, hydrogen fluoride and ammonia.

ELDS based OPGD units can be produced for combinations of toxic and / or flammable gas hazards, significantly reducing the cost for a comprehensive gas detection system

Unique SimuGas™ feature provides the long sought-after ability to accomplish remote, on command, electronic functional testing of open path gas detectors either locally or from the control room.

Remark: Laser Open Path is also available for H₂S, Methane, H₂S + Methane, Propane, Butane, Ethylene, HCl, HF. Prices available on request.

Senscient (Laser based Open Path Gas Detector)			
Ammonia ELDS 1000 with 0 - 1000 PPM.M Path: 0 - 40 Meters (Short) complete with Mounting plates, sunshade, Transmitter & Receiver	TBA	1	
Ammonia ELDS 1000 with 0 - 1000 PPM.M Path: 40 - 120 Meters (Medium) complete with Mounting plates, sunshade, Transmitter & Receiver	TBA	1	
CO ₂ ELDS 1000 with 0 - 30,000 PPM.M Path: 0 - 40 Meters complete with Mounting plates, sunshade, Transmitter & Receiver	TBA	1	
CO ₂ ELDS 1000 with 0 - 30,000 PPM.M Path: 40 - 120 Meters complete with Mounting plates, sunshade, Transmitter & Receiver	TBA	1	
CO ₂ ELDS 1000 with 0 - 30,000 PPM.M Path: 120 - 200 Meters complete with Mounting plates, sunshade, Transmitter & Receiver	TBA	1	
Toughbook - Industrial laptop with ATEX approval (Explosion Proof) with SITE software & wireless communication, including accessories for interfacing, programming & setup of ELDS open path detectors	TBA	1	
Optical Alignment Telescope for ELDS open path with transportation case.	TBA	1	

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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OPEN PATH TOXIC GAS DETECTORS



The latest SafEye Quasar open path UV detection technology includes the 950 and the 960 series. The Quasar 950 models detect toxic Hydrogen Sulfide & Sulphur Dioxide gas and the Quasar 960 models detect toxic Ammonia gas, both with path lengths of up to 263ft (80m). The Quasar 950 and 960 models can be tailored to protect your personnel and high-risk installations.

Please do not discount without prior permission

Spectrex Quasar UV Open Path Gas detector.			
SafEye 951/961 Tx (5-20m) QTU-C-111 M25	6813490	1	300
SafEye 951/961 Tx (5-20m) QTU-C-112 3/4" NPT	6813491	1	300
SafEye 952/962 Tx (15-40m) QTU-C-211 M25	6813492	1	300
SafEye 952/962 Tx (15-40m) QTU-C-212 3/4" NPT	6813493	1	300
SafEye 953/963 Tx (35-60m) QTU-C-311 M25	6813494	1	300
SafEye 953/963 Tx (35-60m) QTU-C-312 3/4" NPT	6813495	1	300
SafEye 950 (H2S) Rx (5-60m) QRU-C-111 M25	6813496	1	300
SafEye 950 (H2S) Rx (5-60m) QRU-C-112 3/4" NPT	6813497	1	300
SafEye 960 (NH3) Rx (5-60m) QRU-C-211 M25	6813498	1	300
SafEye 960 (NH3) Rx (5-60m) QRU-C-212 3/4" NPT	6813499	1	300
Accessories			
Tilt mount SafEye 9xx Series	6813501	1	300
Commissioning Kit SafEye 950 (H2S)	6813502	1	300
Commissioning Kit SafEye 960 (NH3)	6813503	1	300
Functional check Filter H2S	6813814	1	300
Functional check Filter NH3	6813815	1	300
Magnetic Mode Selector	6813816	1	300
HART Hand-Held Diagnostic Kit (Ex)	6813505	1	300
HART Hand-Held Harness Kit	6813506	1	300
USB / RS485 converter kit , Incl. SW	6813507	1	
SafEye 9xx connector cable (Non-Ex)	6813508	1	300
Pole Mount (U-Bolt) 5" - (SS)	6813509	1	300
Pole Mount (U-Bolt) 3" - (SS)	6813621	1	300
SafEye Sunshade (SS)	6813510	1	300

FIRE & GAS DETECTION SYSTEMS

FLAME DETECTORS FEATURES

FLAME DETECTORS

FEATURES	Dräger Flame 2500 Spectrex 40/40 I Dräger Flame 2570 Triple IR Detector	Dräger Flame 2700 Spectrex 40/40 M Multi-IR Detector	Dräger Flame 2000 Spectrex 40/40 I Single IR Detector	Dräger Flame 2100 Spectrex 40/40 R UV Detector	Dräger Flame 2350 Spectrex 40/40 L4B UV - IR Detector	Spectrex 40/40 L Spectrex 40/40 LB UV - IR Detector	Dräger Flame 2370 Spectrex 40/40 UFL UV - IR Detector	Dräger Flame 5000 Dräger Flame 3000
Sensor - Technology	IR 3	IR	IR	UV	UV-IR	UV-IR	UV-IR	Visual (IR)
Sensor Logic	IR	IR	IR	UV	UV & IR	UV or IR	UV or IR	Moving flame
0 TO 20 mA (Stepped output)	✓	✓	✓	✓	✓	✓	✓	✓
Relays (Alarm/fault/Auxiliary)	✓	✓	✓	✓	✓	✓	✓	✓
HART	✓	✓	✓	✓	✓	✓	✓	✓
Flame-proof - Ex d	✓	✓	✓	✓	✓	✓	✓	✓
SIL 2	✓	✓	✓	✓	✓	✓	✓	✓
Hazardous Areas 1 & 2	✓	✓	✓	✓	✓	✓	✓	✓
LED Indicators	✓	✓	✓	✓	✓	✓	✓	✓
(Red/Green/Yellow)	✓	✓	✓	✓	✓	✓	✓	✓
(Red/Green/Yellow)	✓	✓	✓	✓	✓	✓	✓	✓
Hydrocarbon Fires	✓	✓	✓	✓	✓	✓	✓	✓
Metal Fires	X	X	X	✓	X	✓	✓	X
Hydrogen Fires	X	✓	X	✓	X	✓	✓	X
Cotton/Textile/Wood/Paper	✓	✓	✓	✓	✓	✓	✓	X
Test Torch Model	20/20-310	20/20-313	20/20-312	20/20-311	20/20-311	20/20-311	20/20-311	FS 5000
Beam Collimeter	20/20-190 IR3	20/20-190 IR3	20/20-190 IR3	20/20-190 UV - UV/IR	20/20-190 UV - UV/IR	20/20-190 UV - UV/IR	20/20-190 UV - UV/IR	N/A
Obsolete Product Equivalents	-	-	Flame 1300	Flame 1700	Flame 2300	-	-	N/A

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FLAME DETECTORS

DRÄGER FLAME 1500 (TRIPLE IR HYDROCARBON FLAME DETECTOR)



The Dräger Flame 1500 is equipped with three infrared sensors. They enable it to detect hydrocarbon-based fires even at a great distance. This reliability allows it to meet IEC 61508 requirements for safety integrity according to SIL2. The flame detector also has a HART® interfaces via which it can be connected directly to the fire & gas alarm system. The powder-coated housing made of stainless steel or aluminum is very robust and weatherproof. The viewing window is heated to protect against icing and fogging. The Optical Verification Test (OVT) automatically checks the electronics and optics of the Flame 1500 without affecting the field of view. The three-colour LED on the front lets you quickly see the status of the unit. Green stands for normal operation, yellow indicates a fault and red signals a fire alarm.

- Hydrocarbon flame detector using 3 IR wavelengths
- Long range - Tear drop field of view
- Detects all hydrocarbon Fires
- No mirror optical check
- Excellent immunity to false alarms
- Adjustable sensitivity
- Performance Approvals – FM3260, EN54-10
- Hazardous Area Approvals – ATEX, IECEx, FM
- Marine Approvals – DNV-GL pending
- Heated optics
- SIL 2 capable
- 5 year warranty

Requires: Flame 1500 which includes the tilt mount bracket.

Dräger Flame 1500, Aluminum, 2 x M25	3721519	1	388
Dräger Flame 1500, Aluminum, 2 x ¾" NPT	3721518	1	388
Dräger Flame 1500, Stainless Steel, 2 x M25	3721517	1	388
Dräger Flame 1500, Stainless Steel, 2 x ¾" NPT	3721516	1	388

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER FLAME 3000 VISUAL FLAME DETECTOR



The Dräger Flame 3000 is an explosion proof colour imaging based flame detector. Each detector operates standalone and incorporates, within a single unit, an integrated CCTV system; digital signal processing and software algorithms to process live video image and interpret the characteristics of a flame.

Output Signals: 4 - 20 mA and Relay outputs (A1, A2 & Fault)

No video signal, SD Card recording, SIL or FM Approvals

Aluminium Housing			
Dräger Flame DF3000 1 X M25 Cable Entry Aluminium	4209460	1	388
Dräger Flame DF3000 2 X M25 Cable Entry Aluminium	4209461	1	388
Dräger Flame DF3000 1 X M20 Cable Entry Aluminium	4209462	1	388
Dräger Flame DF3000 2 X M20 Cable Entry Aluminium	4209463	1	388
Stainless Steel Housing			
Dräger Flame DF3000 1 x M25 Cable Entry Stainless Steel	4209468	1	388
Dräger Flame DF3000 2 x M25 Cable Entry Stainless Steel	4209469	1	388
Dräger Flame DF3000 1 x M20 Cable Entry Stainless Steel	4209470	1	388
Dräger Flame DF3000 2 x M20 Cable Entry Stainless Steel	4209471	1	388
Accessories			
Dräger Flame 5000 Simulator Test Torch	4209307	1	388

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER FLAME 5000 VISUAL FLAME DETECTOR



The Dräger Flame 5000 is an explosion proof colour imaging based flame detector. Each detector operates standalone and incorporates, within a single unit, an integrated CCTV system; digital signal processing and software algorithms to process live video image and interpret the characteristics of a flame. Internal SD cards record incidents/events.

Available in 4 - 20 mA or Relay outputs (A1, A2 & Fault)

Both versions have video output as standard.

SIL2 Version has 4 to 20mA analogue output.

Require three pair individually screened cable for Power, Signal & Video.

Aluminium Housing			
Dräger Flame 5000 M20, 4-20, PAL video mode	4209308	1	388
Dräger Flame 5000 M25, 4-20, PAL video mode	4209333	1	388
Dräger Flame 5000 2x M25, 4-20, PAL video mode	4209494	1	388
Dräger Flame 5000 M20, Relay, PAL video mode	4209349	1	388
Dräger Flame 5000 M25, Relay, PAL video mode	4209353	1	388
Stainless Steel Housing			
Dräger Flame 5000 M20, 4-20, PAL Video Mode S Steel	4209320	1	388
Dräger Flame 5000 M25, 4-20, PAL Video Mode Stainless Steel	4209335	1	388
Dräger Flame 5000 2x M25, 4-20, PAL Video Mode Stainless Steel	4209479	1	388
Dräger Flame 5000 M20, Relay, PAL Video Mode Stainless Steel	4209355	1	388
Dräger Flame 5000 M25, Relay, PAL Video Mode Stainless Steel	4209359	1	388
Accessories			
Dräger Flame 5000 Simulator Test Torch	4209307	1	388
Dräger CCTV Balanced Line to BNC Video Converter	4209327	1	388

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Flame 2000 series and Spectrex 40/40 series are obsolete effective Dec 2021, and limited sales possible till Q3 2022 or we run out of stocks (whichever happens first)

The new Dräger Flame 2000 / SharpEye 40/40 series flame detectors from Spectrex provide the most comprehensive protection against hydrocarbon-based fuel and gas fires, hydroxyl and hydrogen fires, as well as metal and inorganic fires. The detectors provide early warning of fires at long distances with high immunity to false alarms.

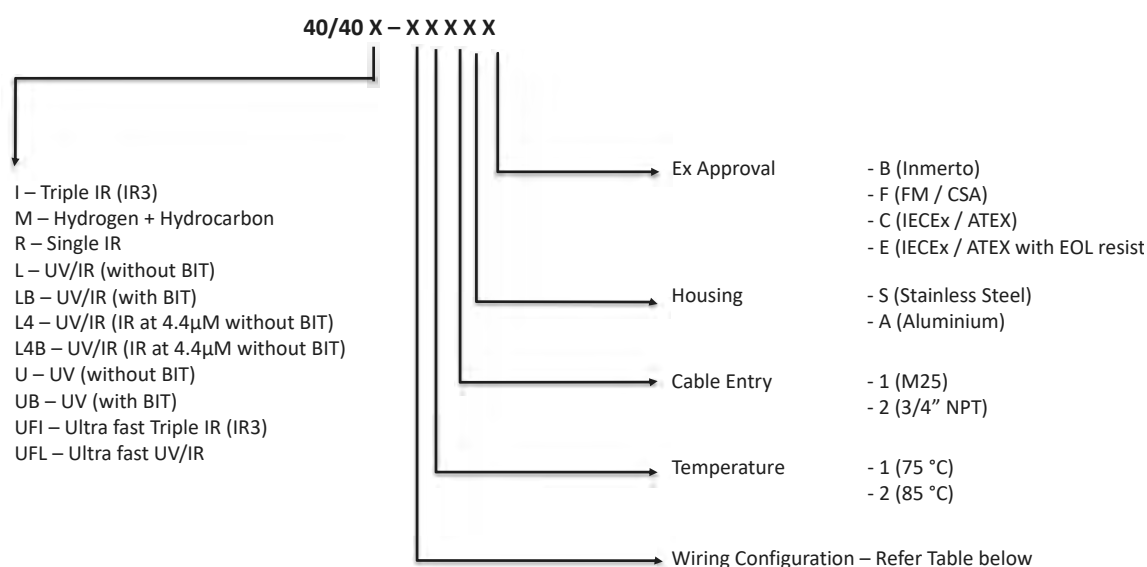
The new Dräger Flame 2000 / 40/40 series are the highest performance, most cost-effective flame detectors currently on the market. New features includes stainless steel housing with a heated window, to eliminate condensation and icing; HART capabilities for digital communications; lower power requirements; and a compact, lightweight but highly durable and weather resistant design.

e.g. 40/40 i 211 SC, i - Triple IR, wiring option - 2, Temp rating - 75 Degree C, Cable entry - M25, Material - Steel, C - ATEX/IECEX Ex Approval

All Flame detectors requires Tilt Mount for mounting

Spectrex Flame detectors

Definition of a Model



Wiring Options			Relays*		
Option	4-20mA	HART	Fault	Auxiliary	Alarm
1 (Default)	Sink / Source	✓	N.C.	X	N.O.
2	Source	✓	N.C.	X	N.O. / N.C.
3	Source	✓	N.O.	X	N.O. / N.C.
4	X	X	N.C.	N.O.	N.O.
5	X	X	N.O.	N.O.	N.O.

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Flame 2000 series and Spectrex 40/40 series are obsolete effective Dec 2021, and limited sales possible till Q3 2022 or we run out of stocks (whichever happens first)



Dräger Flame 2500 Triple IR (IR3)
for detection of Hydrocarbon Flames

The Flame 2500 Triple IR (IR3) Flame Detector detects fuel and gas fires at long distances with the highest immunity to false alarms. The Flame 2500 or 40/40I IR3 can detect a 1ft² (0.1 m²) gasoline / heptane pan fire at 215 ft (65 m) in less than 5 seconds.

The Flame 2500 is the most durable and weather resistant flame detector currently on the market. Its new features include a heated window to eliminate condensation and icing, HART capabilities for digital communications, lower power requirement and a compact, lighter design.

[Requires Tilt Mount for mounting](#)

Dräger Flame 2500 (IR3-211SC)	6813912	1	300
Dräger Flame 2500 (IR3-311SC)	6813915	1	300
Dräger Flame 2500 (IR3-311AC)	6813938	1	300
Dräger Flame 2500 (IR3-211AC)	6813935	1	300
Dräger Flame Simulator FS-1100 (IR3)	6813973	1	300



The new Dräger Flame 2700 Multi IR Flame Detector is specifically designed for detection of hydrocarbon and hydrogen flames.

It detects hydrocarbon-based fuel and gas fires at long distances with the highest immunity to false alarms. The Dräger Flame 2700 can detect a gasoline pan fire at 215 ft (65m) or a hydrogen flame at 100 ft (30m) in less than 5 seconds.

[Requires Tilt Mount for mounting](#)

Multi IR Flame detector Flame 2700 - for detection of Hydrocarbon and Hydrogen Flames			
Dräger Flame 2700 (M-211SC)	6813917	1	300
Dräger Flame 2700 (M-311SC)	6813918	1	300
Dräger Flame Simulator FS-1400 (M)	6813976	1	300

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Flame 2000 series and Spectrex 40/40 series are obsolete effective Dec 2021, and limited sales possible till Q3 2022 or we run out of stocks (whichever happens first)

With Built-in-test option, provides a combination of UV and IR sensors, where the IR sensor operates at a wavelength of 2.5-3.0 μm , and can detect hydrocarbon-based fuel and gas fires, hydroxyl and hydrogen fires, as well as metal and inorganic fires.

Requires Tilt Mount for mounting

UV-IR Flame detector Flame 2350 - for detection of Hydrocarbon, Hydrogen & Metal Flames			
Dräger Flame 2350 (L4B-211SC) 40/40 L4B-211SC	6813926		300
Dräger Flame 2350 (L4B-212SC) 40/40 L4B-212SC	6813927		300
Dräger Flame 2350 (L4B-311SC) 40/40 L4B-311SC	6813928		300



40/40UFL Ultra Fast UV/IR

The new SharpEye UV-IR High-Speed Optical Flame detector 40/40UFL is designed to meet two major requirements:

- High-Speed Response (20 msec)
- High Reliability (immunity to False Alarm)

Requires Tilt Mount for mounting

UV-IR Flame detector 40/40 UFL - Ultra Fast Series -detection of Hydrocarbon, Hydrogen & Metal Flames			
Dräger Flame 2370 (UFL211SC)	6813931	1	300
Dräger Flame 2370 (UFL311SC)	6813933	1	300
Dräger Flame Simulator FS-1200 (UV & IR, UV)	6813974	1	300



The new 40/40UB is a UV Flame Detector and detects hydrocarbon-based fuel and gas fires, invisible hydrogen flames, and fires from hydrides, ammonia, silane and other organics. The 40/40UB is the most durable and weather resistant UV flame detector currently on the market. Its new features include a heated window to eliminate condensation and icing; HART capabilities, for digital communications; lower power requirements; and a compact, lighter design.

Requires Tilt Mount for mounting

UV Flame detector 40/40 UB Series - for detection of Hydrocarbon, Hydrogen & Metal Flames			
Dräger Flame 2100 (UB-211SC) / 40/40 UB-211SC	6813923	1	300
Dräger Flame 2100 (UB-311SC) / 40/40 UB-311SC	6813924	1	300

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Flame 2000 series and Spectrex 40/40 series are obsolete effective Dec 2021, and limited sales possible till Q3 2022 or we run out of stocks (whichever happens first)

The 40/40R Single IR Flame Detector detects hydrocarbon-based fuel and gas fires using advanced flame analysis tools. The detector provides early warning of flaming fires working at 4.4 μm for maximum sensitivity, and immunity to false alarms from IR sources such as sunlight and IR projectors.

Requires Tilt Mount for mounting

IR Flame detector 40/40 IR Series - for detection of Hydrocarbon flame only.			
Dräger Flame 2000 (R-211SC)	6813920	1	300
Dräger Flame 2000 (R-311SC)	6813921	1	300
Dräger Flame Simulator FS-1300 (IR)	6813975	1	300
Flame Detector 40/40R-211SC- IR	6813295	1	300
Flame Detector 40/40R-211AC - IR	6813297	1	300
Accessories			
Weather cover Flame Detector (SS)	6813189	1	300
Weather cover Flame Detector (ABS)	6813190	1	300
Tilt mount Flame Detector (SS)	6813191	1	300
Dräger Flame Simulator FS-1100 (IR3)	6813973	1	300
Dräger Flame Simulator FS-1400 (M)	6813976	1	300
Dräger Flame Simulator FS-1200 (UV & IR, UV)	6813974	1	300
Dräger Flame Simulator FS-1300 (IR)	6813975	1	300
Flame Simulator 40/40 - IR3 (20/20-310)	6813192	1	300
Flame Simulator 40/40 - Multi IR (20/20-313)	6813193	1	300
Flame Simulator 40/40 - UV/IR (20/20-311)	6813194	1	300
Flame Simulator 40/40 - IR (20/20-312)	6851390	1	300
Flame Simulator FS1100 40/40 IR3/M (multi-device simulator)	6813461	1	300
Flame Simulator FS1200 40/40 UV/IR,UV (multi-device simulator)	6813462	1	300
Flame Simulator FS1300 40/40 IR	6813463	1	300
Beam collimator IR3	6813195	1	300
Beam collimator UV - UV/IR	6851391	1	300
SharpEye Laser Pointer 77716	6813321	1	300
USB / RS485 converter kit , Incl. SW	6813320	1	300
Pole Mount (U-Bolt) 2" - (SS)	6813322	1	300
Pole Mount (U-Bolt) 3" - (SS)	6813323	1	300
Tyco Flame Detector for Woodside Energy			
TYCO T210+ ADAPT FV400 SERIES DET	3505262	1	222
FV411F IR FLAME DETECTOR	3505257	1	222

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER CHEMLOGIC



Dräger Chemlogic 1 is an Analyser used for detection of very low levels of gases (in PPB range) for various application. Typical application involves detection of very low levels of H₂S (0 - 90 or 1500 PPB) for odour control application in sewage treatment plants. Other gases available on request.

Dräger Chemlogic

The Dräger ChemLogic 1 is a single point continuous monitor

for the detection of very low level (PPB) toxic and corrosive gasses. (110 - 240 V AC). Includes SD card for datalogging, Calibration curve for Hydrides (H₂S) and paper tape for two months operation. Other calibrations are available on request with no price change.

With instant physical verification of the presence of gas, it is the next generation of interference free, low maintenance colorimetric gas detection. 4206761 1

Gases detected include H₂S (0 - 90 or 1500 PPB), hydrides, mineral acids, Phosgene & Diisocyanate.

For Installation in safe areas only

Dräger ChemLogic 1 (above) with auto shut off, if ambient air has high Methane content. (110 - 240 V AC). Includes SD card for datalogging, Calibration curve for Hydrides (H₂S) and paper tape for two months operation. Other calibrations are available on request with no price change. 1

The Chemlogic 1 unit is packaged in a stainless steel cabinet along with a PIR3000 and REGARD 1 for automatically shutting down the Chemlogic Analyser.

For installation in safe areas only.




Dräger ChemLogic 1 + PIR 3000 + REGARD 1 + Explosion proof Purging Pump housed in a stainless steel Cabinet. (110 - 240 V AC). Includes SD card for datalogging, Calibration curve for Hydrides (H₂S) and paper tape for two months operation. Other calibrations are available on request with no price change.

The above combination is for installation of Dräger Chemlogic 1 Gas Analyser in hazardous areas Zone 2. A purged system allows the installation of Chemlogic unit in Zone 2 application, while the PIR 3000 will prevent the Chemlogic Analyser from being exposed to high Methane concentration by shutting off the non Ex Chemlogic Analyser. 1







For Installation in Zone 2 applications

Spare Cassette	4206746	1	348
H ₂ S (Hydrides) Chemlogic 2 month cassette (1-300-020)			








FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Alarms - Audio & Visual /Sounder / Beacons			
E2S Hazardous Area Approved Alarming Devices			
<p>IECEX Approved Xenon or LED Beacons - available in Light intensity - 5/10/15/21 Joules Lens - A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow Operating Voltage: 24 V DC IP 66/67, Flash Rate - 60 fpm Cable Entry: 2 x M20</p>		3501967	1
<p>BExBG05D-5J (Joules) Xenon 24 V DC Red * Lens - A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow. For other colours please specify code.</p>		ESS7111XR	1
<p>BExBG10D-10J (Joules) Xenon 24 V DC Red * Lens - A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow. For other colours please specify code.</p>		ESS7112XR	1
<p>BExBG21-5Joules Xenon 24 V DC Red * Lens - A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow. For other colours please specify code.</p>		ESS7113XR	1
<p>BExBG21-5Joules Xenon 24 V DC Red * Lens - A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow. For other colours please specify code.</p>		ESS7114XR	1
<p>BExBGL1 LED Beacon 24 V DC Red * Lens - A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow. For other colours please specify code.</p>		ESS7111R	1
<p>EX d Combined Sounder AND Beacon (Xenon or LED) IECEX Approved 32 selectable Tones Maximum output: 117dB(A) at 1 metre Operating Voltage 24 V DC * Lens - A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow. For other colours please specify code.</p>		3502573	1 222
<p>BExDCA110-05D (110 dB / 5 Joules) Xenon Beacon/Sounder RED * Lens - A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow. For other colours please specify code.</p>		ESS6810XR	1
<p>BExDCA110-05D (110 dB / 5 Joules) LED Beacon/Sounder RED * Lens - A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow. For other colours please specify code.</p>		ESS6850XR	1
<p>EX d Combined Sounder Sound output 120dB @ 1m IECEX approved Exd and DIP Volume control Operating Voltage : 24 V DC cable Entry: 2 x M20, IP 66/67 Construction: LM6 Aluminium Housing Painted, SS Guard & Mounting Brackets</p>			1
BExDS110D, 32 Tone Electronic Sounder, 110 dB, 24 V DC		ESS6010X	1
BExDS120D, 32 Tone Electronic Sounder, 121 dB, 24 V DC		ESS6210X	1
BExDH120D, 5 Tone Hootronic Sounder 117 dB, 24 V DC, Grey color		ESS6310X	1

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
<p>IECEx Intrinsicly safe Electronic Sounder IS-A105 up to 105 dB Operating Voltage 24 V DC 49 tones, IP66. * can combine with L101L-IS Beacon (below) to make sounder/beacon</p>		ESS2010SCX	1
<p>Intrinsicly Safe LED beacon (IECEx Approved) L101L-IS Operating Voltage: 24 VDC, IP 66 ESS7010ISX* : * denotes lens color A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow)</p>		ESS7010ISXR	1
<p>IS-MB1 Minialite Intrinsicly Safe LED beacon (IECEx Approved) Operating Voltage: 24 VDC, IP 66 ESS0720*AS : * denotes lens color A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow)</p>		ESS0720RAS	1
<p>Intrinsicly Safe combined Sounder/Beacon (IECEx Approved) IS-MC1 Operating Voltage: 24 VDC, IP 65, Red Color. ESS0730*AS : * denotes lens color A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow)</p>		ESS0730RAS	1
<p>Intrinsicly Safe Electronic Sounder IS-MA1 up to 100 dB IECEx Approved, IP 65 49 Tones Operating Voltage: 24 V DC</p>		ESS0710AS	2
General Audio -Visual Alarms for Safe Areas Only			
<p>Flashini - Sounder Beacon combination unit (IP 54) non Ex version for safe area operation only. 24 V DC 3 Tone 90 dB</p>		3539770	1 349

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
<p>AL105N combined Sounder & Xenon Beacon - non Ex Output: 105 dB 24 VDC IP 65 UL & Marine Approved. ESS2110N* : * denotes lens color A = Amber, B = Blue, C = Clear, G = Green, R = Red & Y = Yellow)</p>		ESS2110NR	1
<p>AL105N combined Sounder & LED Beacon - non Ex Output: 105 dB, Red Color 24 VDC IP 65 UL & Marine Approved. ESS2110N* : * denotes lens color A = Amber, B = Blue, G = Green, R = Red & Y = Yellow)</p>		ESS2110NR	1
<p>A105N Sounder - non Ex Output: 105 dB, 32 Tones, 24 VDC IP 65 Volume Control</p>		ESS2012N	1
STAHL Alarms - Audio & Visual /Sounder / Beacons			
<p>Stahl YL 60 Audible and visual alarms Sounder/Strobe combination, Omnidirectional high output sounder, max. 110 dB(A) / 1 m. 32 selectable tones IECEX approved Available in colors: Red, Amber, Blue, Yellow Operating Voltage: 24 V DC</p>		3505361	1 222
<p>FL60 Strobe visual alarms IECEX approved Available in colors: Red, Amber, Blue, Yellow Operating Voltage: 24 V DC</p>		TBA	1
<p>YA60 Sounder Alarm IECEX approved Omnidirectional high output sounder, max. 110 dB(A) / 1 m. 32 selectable tones Operating Voltage: 24 V DC</p>		TBA	1
<p>YA90 Sounder Alarm IECEX approved Omnidirectional high output sounder, max. 115 dB(A) / 1 m. 32 selectable tones Operating Voltage: 24 V DC</p>		TBA	1

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FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Dräger SAM 3100 and Dräger SAM 3200 is designed to detect toxic and combustible substances in places; which are difficult to access. The required components for a complete sampling system are mounted on a plate and incorporated in a wall enclosure if required. Non ex and ex-versions of Pumps can be selected, alternatives such as Eductors/Injectors as also available. The transmitter will be supplied with the detectable medium (measuring gas) via a filter element. Every transmitter, which can be used together with a process adapter can be integrated in the sampling system to allow maximum flexibility of the system.

Prices available upon request - Please contact Product Manager

Sampling system for Hazardous Area Zone 2

Sampling system for H₂S (Zone 2)

Sampling system including the following with drain

1 x SS316 Cabinet (dimensions - 600x600x300 | 800x800x300 | 1000x1000x300 mm)

1 x cooling coil (condensing)

1 x condensate drain

1 x pump (Zone 2 rated Bühler P1.3 24 VDC)

1 x 3/2 way valve Exde zone 1/2 rated

(for sampling H₂S and fresh air alternatively, to be switched periodically using PLC or timer) 1993911

222

1 x 3-way valve for in-line calibration

1 x Polytron 8100 4-20mA / HART Exd (zone 1/2 rated)

1 x H₂S Sensor (LC: 0 – 100 ppm or 0 – 1000 ppm -adjustable range)

1 x Malema Flow switch Exde zone 1/2 rated

2 x isolation valve

2 x Louvers

1 x services including labor, calibration, assembly, supply of fittings & pipes, leak test etc.

Sampling system for H₂S & CH₄ (Zone 2)

Sampling system including the following with drain

1 x SS316 Cabinet (dimensions - | 800x800x300 | 1000x1000x300 mm)

1 x cooling coil (condensing)

1 x condensate drain

1 x pump (Zone 2 rated Bühler P1.3 24 VDC)

2 x 3/2 way valve Exde zone 1/2 rated

(for sampling H₂S and fresh air alternatively, to be switched periodically using PLC or timer)

2 x 3-way valve for in-line calibration

1993911

222

1 x Polytron 8100 4-20mA / HART Exd (zone 1/2 rated)

1 x H₂S Sensor (LC: 0 – 100 ppm or 0 – 1000 ppm -adjustable range)

1 x Polytron 8700 IR type 334 (0 – 100% LEL methane)

1 x Process Cuvette SGR

1 x Malema Flow switch Exde zone 1/2 rated

2 x isolation valve

2 x Louvers

1 x services including labor, calibration, assembly, supply of fittings & pipes, leak test etc.

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Sampling system for H2S (safe area)

Sampling system including the following with drain

1 x SS316 Cabinet (dimensions - 600x600x300 | 800x800x300 | 1000x1000x300 mm)

1 x cooling coil (condensing)

1 x condensate drain

1 x pump (Thomas Pump BLDC for safe area)

1 x 3/2 way valve Nogren safe area version

(for sampling H2S and fresh air alternatively, to be switched periodically using PLC or timer)

1993911

222

1 x 3-way valve for in-line calibration

1 x Polytron 8100 4-20mA / HART Exd (zone 1/2 rated)

1 x H2S Sensor (LC: 0 – 100 ppm or 0 – 1000 ppm -adjustable range)

1 x Flow switch Safe Area

2 x isolation valve

2 x Louvers

1 x services including labor, calibration, assembly, supply of fittings & pipes, leak test etc.

Sampling system for H2S & CH4 (safe area)

Sampling system including the following with drain

1 x SS316 Cabinet (dimensions - | 800x800x300 | 1000x1000x300 mm)

1 x cooling coil (condensing)

1 x condensate drain

1 x pump (Thomas Pump BLDC for safe area)

1 x 3/2 way valve Nogren safe area version

(for sampling H2S and fresh air alternatively, to be switched periodically using PLC or timer)

2 x 3-way valve for in-line calibration

1993911

222

1 x Polytron 8100 4-20mA / HART Exd (zone 1/2 rated)

1 x H2S Sensor (LC: 0 – 100 ppm or 0 – 1000 ppm -adjustable range)

1 x Polytron 8700 IR type 334 (0 – 100% LEL methane)

1 x Process Cuvette SGR

1 x Flow switch Safe Area

2 x isolation valve

1 x sampling port with valve

2 x Louvers

1 x services including labor, calibration, assembly, supply of fittings & pipes, leak test etc.

Yokogawa Access Point, Ethernet connection 100 BASE-TX, 316 SST 2-inch pipe mounting (for vertical piping), IECEx Yokogawa Part # YFGW 520, without Antennae (YFGW520-A114A-S10KANNAA/X2/SF27)

05

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Pumps for Sampling Systems			
PSD 3000 (Polytron Sampling Device)	8319270	1	348
BUHLER P1.3 IECEx PUMP 230 VAC (Zone 2 approved)	3505274	1	222
BUHLER P1.3 IECEx PUMP 24 VDC	3505360	1	222
Air Dimension Ex d Pump for hazardous Area -IEC Ex approved. 200 V AC, Approx weight: 23 Kgs. Minimum Flow rate: 7 to 20 LPM.	3502634	1	222
Air Dimension Pump for hazardous Area -IEC Ex approved. J-Series Pump, 316 ss wetted parts, 2-ply Teflon diaphragm, Zone 1, Ex db IIC 230 V 50 Hz Single Phase motor	1993911	1	222
Eductor Pump / Vacuum Pump M/58112	3502283	1	222
EXPEL MINI UNIT 1/4 c/w S/S BALL VALVE	3505242	1	222
EXPEL MINI 1/4 NPT (EXPEL-02-1/4NPTF-SS)	3505435	1	222
IMI HERION 6316 SOLENOID VALVE 0-8 BAR	3505244	1	222
ENCLOSURE 316SS 800x800x300 W VNT DORSTY	3505241	1	222
ENCLOSURE 316SS 600x600x300 W VNT DORSTY	3505240	1	222
FLOWMETER 0.1-1 SCFH AIR NO VALVE	3505239	1	222
Series Visi Float Flow-meter with Valve	3505413	1	222



The Wireless Data Transmission is designed to provide a direct wire replacement. Built-in signal strength indicator gives constant feedback on the radio signal.
Frequency 900 MHz or 2.4 GHz

Wireless Solutions		
4...20 mA Wireless for non Ex Application for 2 x Analog Input and 4 x Relays (potential free contacts)		
Wireless-subscriber usable as Transmitter or Receiver 2 x 4...20 mA, 4 x potential free contact	AG01087	1
External Antenna 7 dBi	AG01088	1
4...20 mA Wireless for non Ex Application for 2 x Analog Input and 4 x Relays (potential free contacts)		
Wireless-subscriber usable as Transmitter or Receiver 4 x 4...20 mA	AG01089	1
External Antenna 7 dBi	AG01088	1
Wireless-Gateway Optional (Amplifier) for 4 x 4...20 mA channel only	AG01090	1

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VOC GAS DETECTORS



The VOC detector specifically designed for extreme weather using 10.6eV lamp.

Available with the following options:

- Pumped or diffused models
- Pumped unit ideal for difficult to access locations
- Diffused model reduces servicing costs
- Four detection ranges available 0-10 ppm | 0-50.0 ppm | 0-1000 ppm | 0-3000 ppm
- Selectable response factor for varying VOC selection

Cable entry thread is 3/4" NPT (No Discounting please)

Falco (IEC Ex Approved)		
Falco Diffused PID VOC Detector (0.001 - 10 ppm), 4-20mA Output, 24V DC with Relays and Modbus. (FAXSXBXX-10D)	3505128	222
Falco Pumped PID VOC Detector (0.001 - 10 ppm), 4-20mA Output, 24V DC with Relays and Modbus. (FAXSXBXX-10P)	1993911	222
Falco Diffused PID VOC Detector (0.01 - 50 ppm), 4-20mA Output, 24V DC with Relays and Modbus. (FAXSXBXX-50D)	1993911	222
Falco Pumped PID VOC Detector (0.01 - 50 ppm), 4-20mA Output, 24V DC with Relays and Modbus. (FAXSXBXX-50P)	1993911	222
Falco Diffused PID VOC Detector (0.1 - 1000 ppm), 4-20mA Output, 24V DC with Relays and Modbus (FAXSXBXX-1000D)	1993911	222
Falco Pumped PID VOC Detector (0.1 - 1000ppm), 4-20mA Output, 24V DC with Relays and Modbus (FAXSXBXX-1000P)	1993911	222
Falco Diffused PID VOC Detector (0-3000ppm), 4-20mA Output, 24V DC with Relays and Modbus (FAXSXBXX-3000D)	1993911	222
Falco Pumped PID VOC Detector (0-3000ppm), 4-20mA Output, 24V DC with Relays and Modbus (FAXSXBXX-3000P)	1993911	222

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VOC GAS DETECTORS



The VOC detector using 10.6eV lamp and having T6 approvals suitable for CS2 & other VOC's.

- Integrated diaphragm pump (about 250 ml/min)
- Sample inlet with dust and water protection filter
- Three detection ranges available 0-20 ppm | 0-100 ppm | 0-2000 ppm
- Selectable response factor for varying VOC selection
- 2 x LED (red) for alarms, 1 x LED (multicolour) for status
- Relays: 3 SPDT 30 V / 2 A, 2 x for alarms, 1 x for failure
- Output: Current loop, 4 ... 20 mA
- Digital: RS485 (MODBUS) optional

Cable entry thread is M20

Falco (IEC Ex Approved)			
Photoionisation Detector SPID2 (SPID2-R0-D0-L0-S1-C0) including the following - 1 x PID Sensor (Range 0 – 20 ppm) - 1 x Filter Cartridge - 1 x Dust Filter - 1 x Magnet Pen - 2 x Screw drivers for maintenance and service - 1 x User manual	1993911		222
Photoionisation Detector SPID2 (SPID2-R0-D0-L0-S1-C1) including the following - 1 x PID Sensor (Range 0 – 100 ppm) - 1 x Filter Cartridge - 1 x Dust Filter - 1 x Magnet Pen - 2 x Screw drivers for maintenance and service - 1 x User manual	1993911		222
Photoionisation Detector SPID2 (SPID2-R0-D0-L0-S1-C2) including the following - 1 x PID Sensor (Range 0 – 2000 ppm) - 1 x Filter Cartridge - 1 x Dust Filter - 1 x Magnet Pen - 2 x Screw drivers for maintenance and service - 1 x User manual	1993911		222
SPID2 long life dust filter (0002873)	1993911		222
PID Calibration kit without calibration gas cylinder consist of: 1 x tube with t-piece, 1 x flow regulator 0,5 lpm. (0002719)	1993911		222

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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WIRELESS GAS DETECTION SOLUTIONS



IR Gas Detector is the The GasSecure GS01 is an Intrinsically safe (Ex ib) battery operated, truly wireless IR gas detector for continuous monitoring of flammable gases and vapours in ambient atmospheres. The detector and wireless communication is SIL 2 verified as per IEC61508. Expected battery life is approx. 24 months. Fast response time of 5 Sec.

Requires: Detector + 2 x Batteries

Extended Antenna Option - For installation inside steel structures, Antennae with extension cables are available from Q1 2016.

GasSecure Wireless Solutions			
GS01 Wireless IR Hydrocarbon Gas Detector includes empty battery pack AL20713, weather cap AL20709, antenna 3705654, add 2 battery cells 3503616.	3705976	1	315
Tadiran Batteries (each device requires two batteries)	3503616	1	222
Cap Polytron 6100	3702224	1	394
O-Ring Cap Polytron 6100 (5 pcs.)	3702298	1	394
GS01 Wireless IR Gas Detector -5m FM Including Battery Pack (without cells) Weather Cap (Splashguard) Battery Cap. With extended antenna & 5m cable	AL20737	1	315
GS01 Wireless IR Gas Detector -10m FM Including Battery Pack (without cells) Weather Cap (Splashguard) Battery Cap. With extended antenna & 10m cable	AL20738	1	315
GS01 Wireless IR Gas Detector -20m FM Including Battery Pack (without cells) Weather Cap (Splashguard) Battery Cap. With extended antenna & 20m cable	AL20739	1	315
Spares & Accessories			
Battery pack type 2 without battery cells	AL20712	1	315
Battery Pack FM without battery cells	AL20713	1	315
Battery pack type 2 with cells (2 pcs AL20706)	AL20702	1	315
Battery cap	AL20708	1	315
Weather cap	AL20709	1	315
Sency OMNI-S Omni-directional 6 dBi Antenna with bracket (For GS01-EA)	AL20718	1	315
Sency OMNI-S 2 dBi stick antenna with bracket (For GS01-EA)	3705655	1	315
Sency OMNI-S 2 dBi stick antenna N-MALE (For GS01-EA)	3705654	1	315

Draeger Australia & New Zealand | Subject to modifications | www.draeger.com

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Antenna cable with n-type connectors in both ends, 5 m (For GS01-EA)	AL20719	1	315
Antenna cable with n-type connectors in both ends, 10 m (For GS01-EA)	AL20720	1	315
Antenna cable with n-type connectors in both ends, 20 m (For GS01-EA)	AL20721	1	315
Universal pipe/wall mounting plate with sun-shade for wireless gas detectors	3503833	1	315
GS01 serial adapter (For device provisioning)	AL20710	1	315
GS01 sunshade / weather protection	AL20711	1	315
O-ring for battery compartment, set of 5 pcs	3701093	1	315
Variable Flow Regulator VAR SS 0-5LPM VAF-100SS-5	3505380	1	315

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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POLYTRON 6100 EC WL (Wireless Oxygen & Toxic gas detector)

Wireless Toxic Gas detector for detection of toxic gases and oxygen using Dräger Electro-chemical sensors

- Supports all Dräger Sensors (EC, 140 gases)
- ISA 100.11a communication
- SIL 2 capable
- Battery Lifetime >18 month (battery pack, soldered)
- Bluetooth interface for easy maintenance
- Intrinsically safe (no hassle with declassifications)
- Local power (Optional)

Requires Polytron 6100 with battery box+ Electro-Chemical Sensor + Battery Pack + Appropriate Antennae + Sensor

Remote Antennae Option requires - Appropriate Antennae + Cable(appropriate length)

Cable entry thread is 3/4" NPT

Detector			
Dräger Polytron 6100 EC WL, with Battery Box	8327000	1	315
Dräger Polytron 6100 EC WL, Wireless HART with Battery box	3714791	1	315
Repeater			
Dräger Polytron Repeater ISA100 (with battery box, Requires - Polytron Repeater (incl. Battery box) + battery pack + appropriate antenna + optional cable for remote Antennae)	8327001	1	315
Dräger Polytron Repeater Wireless HART (with battery box, Requires - Polytron Repeater (incl. Battery box) + battery pack + appropriate antenna + optional cable for remote Antennae)	3714789	1	315
Battery options			
Batteries are hazardous goods and typically sea freighted (Approx 3 months delivery)			
Polytron 6100 Battery Box	8327839	1	315
Polytron 6100 Battery Pack (4 soldered batteries), single pack	3702176	1	315
Polytron 6100 Battery Pack (4 soldered batteries), 6 pack	3702177	1	315
Sensors			
Dräger Sensor Acidic Compound AC (Range: 0 - 30 PPM)	6810595	1	367
Dräger Sensor Cl2 (Range: 0 - 50 PPM)	6809665	1	367
Dräger Sensor CO (Range: 0 - 1000 PPM)	6809605	1	367
Dräger Sensor CO LS (Range: 0 - 5000 PPM)	6809620	1	367
Dräger Sensor CO LH (Hydrogen compensated)	6812570	1	367
Dräger Sensor Phosgene - COCl2 (Range: 0 - 20 PPM)	6809930	1	367
Dräger Sensor H2 (Range: 0 - 3000 PPM)	6809685	1	367
Dräger Sensor H2O2 HC (Range: 0 - 7000 PPM)	6809675	1	367
Dräger Sensor H2O2 LC (Range: 0 - 50 PPM)	6809705	1	367
Dräger Sensor H2S (Range: 0 - 100 PPM)	6810435	1	367

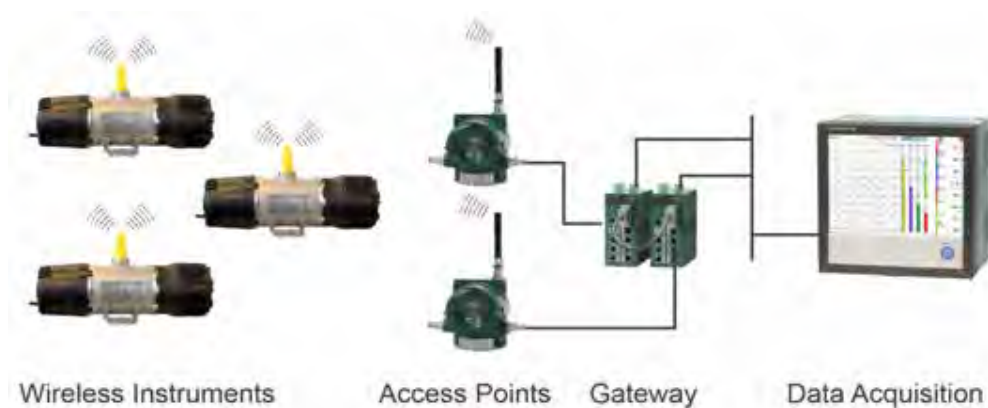
FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Dräger Sensor H2S HC (Range: 1000 PPM)	6809710	1	367
Dräger Sensor H2S LC (Range: 0 - 100 PPM)	6809610	1	367
Dräger Sensor HCl (Range: 0 - 100 PPM)	6809640	1	367
Dräger Sensor HCN (Range: 0 - 50 PPM)	6809650	1	367
Dräger Sensor HCN LC (Range: 0 - 50 PPM)	6813200	1	367
Dräger Sensor Phosphine - PH3/AsH3 (Range: 0 - 20 PPM)	6809695	1	367
Dräger Sensor Hydride (Range: 0 - 20 PPM)	6809635	1	367
Dräger Sensor Hydride SC (Range: 0 - 1 PPM)	6809980	1	367
Dräger Sensor Hydrazine - N2H4 (Range: 0 - 5 PPM)	6810180	1	367
Dräger Sensor NH3 HC (Range: 0 - 1000 PPM)	6809645	1	367
Dräger Sensor NH3 LC (Range: 0 - 100 PPM)	6809680	1	367
Dräger Sensor NH3 TL (Range: 0 - 300 PPM)	6813095	1	367
Dräger Sensor NO LC (Range: 0 - 200 PPM)	6809625	1	367
Dräger Sensor NO2 (Range: 0 - 100 PPM)	6809655	1	367
Dräger Sensor NO2 LC (Range: 0 - 20 PPM)	6813205	1	367
Dräger Sensor O2 (Range: 0 - 100 Vol. %)	6809720	1	367
Dräger Sensor O2 LS (Range: 0 - 25 Vol. %)	6809630	1	367
Dräger Sensor Ozone -O3 (Range: 0 - 5 PPM)	6814005	1	367
Dräger Sensor OV1 (Range: 0 - 300 PPM)	6810740	1	367
Dräger Sensor OV2 (Range: 0 - 100 PPM)	6810745	1	367
Dräger Sensor SO2 (Range: 0 - 100 PPM)	6809660	1	367
Accessories			
Weather protection set Polytron 5/6/8x0	3702198	1	367
Tablet EX80	3703254	1	367
Polytron 6100 Premium Antenna 2 dBi	8327813	1	315
Polytron 6100 Standard Antenna 2 dB	3702169	1	315
Polytron Remote Antenna 6 dBi	3702171	1	315
Polytron Remote Antenna 2 dBi	3702244	1	315
Antenna cable 5m	AL20719	1	315
Antenna cable 10m	AL20720	1	315
Antenna cable 20m	AL20721	1	315
Pole Mount Kit	4544198	1	348
Dräger PolySoft Configuration Software License (1 year)	8328600	1	316
Magnetic Wand (blue body, white logo)	4544101	1	348
Cap Polytron 6100	3702224	1	316
O-Ring Cap Polytron 6100 (5 pcs.)	3702298	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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YOKOGAWA GATEWAYS, ACCESS POINT & REPEATERS



Wireless network consist of a minimum of one Gateway and one or more Access Points and may additionally also include Repeaters for long distance transmission (> 400 meters).

Gateway Requires - selection is made based on the number of Access Points that needs to be connected

Access Points Requires - Access Point + Antennae (2 dBi is standard or other options).

Access Point can handle a maximum of 32 field devices

Repeater Requires - Repeater + 2 x Batteries + Antennae (chose appropriate one)

Antennae with lower power has wider coverage but shorter reach.

Antennae with higher power has narrow coverage but longer reach.

Antennae - 2dBi (fits directly to Access Point or Repeater), max distance 400 M

Antennae - 6dBi (Cannot be fit directly to AP or Repeater, requires extension cables 3 | 10 | 13 meters) max coverage distance 600-800 M

Antennae - 9dBi (Cannot be fit directly to AP or Repeater, requires extension cables 3 | 10 | 13 meters) max coverage distance 800-1000 M

Gateway / Management Station YFGW 410



Yokogawa Gateway YFGW410

100 Field Wireless devices connectable, with terminals. Max of 2 Access Points (YFGW410-A-C10D0AA)

3505316

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348

Yokogawa Gateway YFGW410

500 Field Wireless devices connectable, with terminals. More than 2 Access Points (YFGW410-A-S10D0AA)

3505055

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222

Access Point YFGW 520 for Wireless detectors (select appropriate Antennae). Maximum of 32 detector per AP



Yokogawa Access Point, Ethernet connection 100 BASE-TX, 316 SST

2-inch pipe mounting (for vertical piping), IECEx Yokogawa Part # YFGW 520, without Antennae (YFGW520-A114A-S10KANNAA/X2/SF27)

3505056

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222

Yokogawa Access Point, Ethernet connection 100 BASE-TX, 316 SST 2-inch pipe mounting (for horizontal piping), IECEx Yokogawa Part # YFGW 520, without Antennae (YFGW520-A114A-S10JANNAA/X2/SF27)

3505315

1

348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Antennae (Standard 2 dBi fits direct, 6 9 dBi or more needs extension cables)			
Yokogawa 2 dBi Standard Antennae 2.4 GHz	3505318	1	348
Yokogawa Antenna (6dbi) F9915KY	3505392	1	222
Yokogawa Cable Assembly 3M F9915KU	3505391	1	222
Yokogawa Cable Assembly 13M includes (10 mtr + 3 mtr cable, Surge protector & Mounting bracket)	3505317	1	348
Repeater			
Temperature transmitter (Add 2 x Batteries + Antennae as per instructions)			
Yokogawa Temp Transmitter YTA510 -	3505443	1	222
Tadiran Batteries (each device requires two cells)	3503616	1	222

FGDS SOFTWARE & TOOLS

PolySoft License (1 year support)	8328600	1	316
PolySoft License (yearly fee)	8328601	1	316
Polysoft Premium (includes sgi files for PIR 7000)			
PolySoft Premium License (1 year support)	8328639	1	316
PolySoft Premium License (yearly fee)	8328640	1	316
REGARD 7000 PC configuration software (Available via download) - requires Software Key	8327842	1	
REGARD 7000 PC-Software Key	8327253	1	350
Software-Set VarioGard 3x00	8322016	1	349
IR Connection Kit (for Polytron 5x00 & 8x00)-	4544197	1	348
Regard 3900 / 3910 / 3920 Configuration cable (Software for free download)	4208785	1	381
Dräger Flame USB RS-485 Set	6813994	1	300
Dräger REGARD Rack interface card (Incl. configuration software and USB cable)	8322990	1	380

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PROJECT ESSENTIALS

Tags, Plugs & Glands			
SS316 Tags (Tag Nos to be provided)	3505295	1	384
Reducer M25 to M20 Exd/Exe/ExtD	3505287	1	348
Stopping Plug M25 Exd/Exe/ExtD IP6x	3505288	1	348
Sampling Systems Accessories			
BUHLER P1.3 IECEX PUMP 230 VAC -	3505360	1	222
BUHLER P1.3 IECEX PUMP 24 VDC -	3505240	1	222
Air Dimension Ex d Pump for hazardous Area -IEC Ex approved. 200 V AC, Approx weight: 23 Kgs. Minimum Flow rate: 7 to 20 LPM.	3502634	1	222
Air Dimension Pump for hazardous Area -IEC Ex approved. J-Series Pump, 316 ss wetted parts, 2-ply Teflon diaphragm, Zone 1, Ex db IIC 230 V 50 Hz Single Phase motor	1993911	1	222
Eductor Pump / Vacuum Pump M/58112	3502283	1	222
ENCLOSURE 316SS 600x600x300 W VNT DORSTY	3505241	1	222
ENCLOSURE 316SS 800x800x300 W VNT DORSTY	3505435	1	222
EXPEL MINI 1/4 NPT (EXPEL-02-1/4NPTF-SS)	3505242	1	222
EXPEL MINI UNIT 1/4 c/w S/S BALL VALVE	3505400	1	384
Series Visi Float Flowmeter without Valve LPM	3502019	1	222
Series Visi Float Flowmeter with Valve	3505413	1	222
Variable Flow Regulator VAR SS 0-5LPM VAF-100SS-5	3505380	1	222
PTFE Flexible Tube, 6mm External Diameter, 50m	3505564	1	222
IMI HERION 6316 SOLENOID VALVE 0-8 BAR -	3505244	1	348
Flame Detectors			
Tyco Triple IR Flame Detector FV411F	3505257	1	222
Tyco T210+ Tilt Mount adapter FV400 Series detector	3505262	1	222

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FGDS PRE-SALES SERVICES

Detectors/Device Commissioning (in Melbourne Workshop prior to sale)			
Configuration & Calibration of Polytron detectors including Tagging if available	3714998	1	222
Assembly of Duct Mount Kits for Polytron detectors	3714998	1	222
Assembly of Remote JB & Sensor for Polytron (5200/8200/57x0/87x0) detectors	3714998	1	222
Assembly of Duct Mount Kits for Polytron detectors	3714998	1	222
Controller Commissioning (in Melbourne Workshop prior to sale)			
REGARD 3900/3920 (max of 8 detectors + Relays) Assembly, configuration & testing	3714998	1	222
REGARD 3900/3920 (max of 16 detectors + Relays) Assembly, configuration & testing	3714998	1	222
REGARD 3900/3920 (max of 16 detectors + Relays) drawing	1993911	1	222
REGARD 7000 (max of 16 detectors + Relays) configuration & testing	3714998	1	222
REGARD 7000 (max of 32 detectors + Relays) configuration & testing	3714998	1	222
REGARD 7000 (max of 64 detectors + Relays) configuration & testing	3714998	1	222
REGARD 7000 (max of 16 detectors + Relays) drawing & documentation	1993911	1	222
REGARD 7000 (max of 32 detectors + Relays) drawing & documentation	1993911	1	222
REGARD 7000 (max of 64 detectors + Relays) drawing & documentation	1993911	1	222
REGARD 7000 (max of 16 detectors + Relays) Panel Building & internal wiring	1993911	1	222
REGARD 7000 (max of 32 detectors + Relays) Panel Building & internal wiring	1993911	1	222
REGARD 7000 (max of 64 detectors + Relays) Panel Building & internal wiring	1993911	1	222
Calibration Accessories			
Gassing adapter for Polytron 1, 2, 3000, 7000, IR CO2	6806978	1	348
Calibration Adapter Viton for Polytron 1, 2, 3000, 7000, IR CO2	6810536	1	348
Remote calibration adapter for Polytron 1, 2, 3000, 7000, IR CO2	6807955	1	348
Calibration-/Process adapter AC	6809380	1	348
Adapter for test of transmitter Cl2 L / HF/HCl L	4202003	1	348
Calibration adapter IR Ex / IR N2O	6808667	1	348
Supplemental calibration adapter IR Ex HC + IR CO2	6809240	1	348
Calibration Adapter IR for splashguard	6809780	1	348
DSIR Calibration Adapter	6810859	1	348
Start-up kit f. HF/HCl L and AC (Pipette, electrolyte for initial operation of max. 4 channels)	6809381	1	348
Start-up kit Cl2 L (Pipette, electrolyte for initial operation of max. 4 channels)	6809382	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Testset for transmitter Cl2 L (Testbottle and 2 syringes for functional test)	4202107	1	
Chemical test set Cl2 L (Chemicals for min. 6 functional tests)	4202120	1	
Testset for Transmitter HF/HCl L (Testbottle and 2 syringes for functional test)	6808085	1	
Chemical test set HF/HCl L (Chemicals for min. 20 functional tests)	6808084	1	
Gas Calibration Bag 20 L (for Pyrolyzer)	6807068	1	953
Calibration bottle for calibration with test gas ampoules	6803407	1	953
General Accessories			
PSD 3000 (Polytron Sampling Device)	8319270	1	348
Remote Sensor Adapter Polytron 7000	8317275	1	348
Remote cable + plug 5 m Polytron 7000	8317270	1	348
Remote cable + plug 15 m Polytron 7000	8317998	1	348
Remote cable + plug 30 m Polytron 7000	8317999	1	348
Remote Duct adapter Polytron 7000	8317617	1	348
Duct Mount Kit Polytron 3000/7000	8317150	1	348
Cable Entry Set Polytron 7000	8317282	1	348
Cable Connector Relay Polytron 7000	1890086	1	348
Mounting Set P2IR/P3000/P7000	6809951	1	348
Calibration Adapter Viton	6810536	1	348
Gassing Adapter	6806978	1	348
Calibration-/Processadapter AC	6809380	1	348
Splash guard Acidic Compounds	6809379	1	348
Pump adapter Polytron 7000	8320900	1	348
Pump adapter AC Polytron 7000	8317976	1	348
Set Hawke Cable Gland Polytron 3000 / 7000	8319029	1	348
Duct Mount Kit Polytron 3000/7000	8317150	1	348
Splash guard Acidic Compounds	6809379		348
Set Hawke Cable Gland Polytron 3000 / 7000	8319029	1	348
Remote Sensor Polytron 2 (approx. 5 m cable)	8313960	1	348
Duct Mounting Kit for Remote Adapter 8313960	8314097	1	348
Adapter cable (for connection of Dräger Sensors Type 2 to old Polytron 1 Transmitters, delivered before January 1995)	8313188	1	348
Adapter Shuttle Sensor / Dräger Sensor (mounting plate to fit Dräger Sensors instead of shuttle Sensor to Polytron "1" transmitters)	6809557	1	348
Polytron IR Splash Guard	6809750	1	348
Polytron IR Calibration Adapter for splashguard	6809780	1	348
Polytron IR Flowcell	6809450	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Polytron IR Gassing Adapter	6809946	1	348
Polytron IR Process Cuvette	6810780	1	348
Dräger PRC 3000, remote control software	8318906	1	
Dräger PRC 3010, remote control software	8319590	1	
Polytron IR Bump Test Adapter	6810985	1	348
Polytron IR Insect Guard	6810162	1	348
Polytron IR Hydrophobic Filter	6810519	1	348
Mounting Set P2IR/P3000/P7000	6809951	1	348
Cable for HHT	8315437	1	348
Extension Box HHT-T	8315083	1	348
Extension Box HHT-H	8315137	1	348
Cable for HHT	8315437	1	348
Extension Box HHT-T	8315083	1	348
Extension Box HHT-H	8315137	1	348
DSIR Splash Guard	6810796	1	348
DSIR Calibration Adapter	6810859	1	348
DSIR Gassing / Process Adapter	6811330	1	348
DSIR Weather Guard	6811135	1	348
DSIR Cable Gland M20	6811323	1	348
Mounting Set d	6811426	1	348
Mounting Set e	6811427	1	348
DSIR Duct Mount Set	6810995	1	348
Magnet W/Key Chain P5000/8000	4544101	1	348
DSIR XP Adapter Cable	6811107	1	348
Junction Box EEx e (regular box)	6811299	1	348
Junction Box EEx e (octa box)	6811159	1	348
Junction Box EEx d	6811161	1	348
Splash guard IR Ex / IR N2O	6808671	1	348
Calibration adapter IR Ex / IR N2O	6808667	1	348
Supplemental calibration adapter IR Ex HC + IR CO2	6809240	1	348
Calibration Adapter Viton	6810536	1	348
Gassing Adapter	6806978	1	348
Dust Filter (not suitable for Dräger Sensor Ex LC M)	6810537	1	348
Special Tool PEX 3000	8318376	1	344
Sensor Ready	8316970	1	

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Selective Filters for Electro-Chemical Sensors			
Dust filter element (for electrochemical Dräger Sensors Type 1+2)	6806377	1	
Dust filter (electrochemical Dräger Sensors Type 3)	6809595	1	348
Selective Filter AS	6806445	1	348
Selective Filter Pyrolyzer	8314760	1	348
Selective Filter A2F (for Dräger Sensor CO, CO LS and H2)	6809684	10	348
Selective Filter MF (for Dräger Sensor Hydrides and PH3/Ash3)	6809638	1	348
Selective Filter CF (for Dräger Sensor NO2)	6809658	5	
Selective Filter K2F (for Dräger Sensor COCl2)	6809933	1	348
Selective Filter NF (for Dräger Sensor HCl)	6809643	1	348
Selective Filter BF (for Dräger Sensor HCN)	6809653	1	348
Selective Filter HSF (for Dräger Sensor Hydrides)	6809862	1	348
Selective Filter K1F (for Dräger Sensor SO2)	6809663	1	348
Selective Filter D2S	6809832	1	
Selective Filter PF	6810748		
Selective Filter DAS (NF3 Polytron 3500/7500)	8317470	1	348
Selective Filter ZS (C5F8 Polytron 3500/7500)	8317480	1	348
Selective Filter AD2 S (NF3 Pyrolyzer)	8314760	1	348
Selective Filter D3F (for CO, CO LS, CO LH & H2 Sensors)	6812435	1	348
Variogard Accessories			
VarioGard Akkumodul 28 VDC, 7Ah w/o battery	8315178	1	349
Pb battery-set	8315569	1	349
Cable gland M 20 x 1.5, 10 each	8315420	1	349
Relay module	8315238	1	349
Convert module	8315226	1	349
Wallmount Housing VarioGard	8315647	1	349
VarioGard Repeater	8317146	1	349
Polytron 5000 & 8000 Spares Parts and Accessories			
Bucket P8x00 CAT 4-20/HART,SPPT	4544788	1	394
Bucket P8x00 CAT 4-20/HART relay,SPPT	4544789	1	394
Bucket P8x00 IR 4-20/HART,SPPT	4544795	1	394
Bucket P8x00 IR 4-20/HART relay,SPPT	4544796	1	394
KIT,ENCL Hardware,PX00,SPPT	4544167	1	394
Feedthrough 14 Wires,SPPT	4544168	1	

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Feedthrough 9 Wires,SPPT	4544169	1	394
Feedthrough 3 Wires,SPPT	4544182	1	
Bezel,P5X00,SPPT	4544183	1	
Bezel,TX,SPPT	4544184	1	
Board,TX,SPPT	4544185	1	394
PCB Main,EXPL,P5X00,SPPT	4544186	1	394
PCB Main,PIR,P5X00,SPPT	4544187	1	
Dräger Sensor ASSY,PX00,SPPT	4544189	1	
PCB RELAY,P5X00,SPPT	4544297	1	394
E-Box Hardware, PX00, SPPT	6812838	1	
PCB E-Box, Px000, SPPT	6812839	1	
Bucket P8x00 EC 4-20/HART,SPPT	4544781	1	394
Bucket P8x00 EC 4-20/HART relay, SPPT	4544782	1	394
Galvanic Isolator, SPPT	4544367	1	394
SIOS EC Sensing Head, SPPT	4544368	1	394
PCB EC Sensing Head Remote, SPPT	4544369	1	394
Splash Guard PIR 7200	6811912	1	348
Status Indicator PIR 7200	6811920	1	348
Splash Guard PIR 7000	6811911	1	348
Status Indicator PIR 7000	6811625	1	348
Junction Box S	4544098	1	348
Junction Box A	4544099	1	348
E-box Power only version (Includes 1 cable gland) / docking station	6812420	1	348
E-box Power and Relay version (Includes 2 cable glands) / Docking station	6812275	1	348
Process Adapter PIR 7000 (Plastic)	6811915	1	348
Process Cuvette PIR 7000 (Stainless Steel)	6811415	1	348
Calibration Adapter PIR 7000	6811610	1	348
Insect Guard PIR 7000	6811609	1	348
Hydrophobic Filter PIR 7000	6811890	1	348
Flowcell PIR 7000	6811490	1	348
Flowcell PIR 7000 Duct	6811945	1	348
Bump Test Adapter PIR 7000	6811630	1	348
Bump Test Adapter PIR 7000 Duct	6811990	1	348
Flowcell PIR 7200	6811910	1	348
Bump Test Adapter PIR 7200	6811930	1	348

FIRE & GAS DETECTION SYSTEMS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Magnet W/Key Chain P5000/8000	4544101	1	348
Irda Interface Assy	4544197	1	348
Pipe Mount Kit P5x00 /8x00	4544198	1	348
Duct Mount Kit Polytron 5700/8700/5720/8720/PIR 7x00	6812300	1	348
Flowcell PIR 7000 Duct	6811945	1	348
Bump Test Adapter PIR 7000 Duct	6811990	1	348
3/4" NPT Male to M20 Female Adapter - EExd (IECEX)	3502319	1	222
3/4" NPT Exd Gland IECEX Approved	3502232	1	222
3/4" NPT STOPPING PLUG EXD/EXE/EXTD	3502320	1	222

FIRE & GAS DETECTION SYSTEMS

ABBREVIATIONS

Aluminium	A
Aluminium	Al
Asea Brown Boveri	ABB
Acrylo nitrile Butadiene Styrene (thermo plastic)	ABS
Acidic Compounds	AC
Auxillary Interface	AI
Aluminum	AL
Appareils destinés à être utilisés en ATmosphères Explosibles	ATEX
CENELEC: Comité Européen de Normalisation Électrotechnique; (European Committee for Electrotechnical Standardization)"	CEN
Canadian Standards Association	CSA
German Industrial Standard (Deutsches Institut für Normung)	DIN
Dräger Sensor IR	DSIR
European Ex approval flame proof	EEx d
European Ex approval increased safety	EEx e
Enhanced Sensitivity	ES
Ex-Sensing head with Remote sensor	Ex-R
Fieldbus	FB
FOUNDATION Fieldbus	FF
FM Approvals LLC (FM) (formerly Factory Mutual Research Corporation)	FM
Fast Propane	FP
Fixed Gas detection System	FGDS
Flame & Gas detection System	FGDS
Gas Detection Systems	GDS
Highway Addressable Remote Transducer (Protocol)	HART
High Concentration	HC
Handheld Terminal	HHT
Handheld Terminal box for Handheld	HHT-H
Handheld Terminal box for Transmitter	HHT-T
Human Machine Interface	HMI
High Temperature	HT
Hardware	HW
In Line	IL

FIRE & GAS DETECTION SYSTEMS

Ingress Protection	IP
Infrared	IR
Leak Detector	L
Low Concentration	LC
Local Operating Network	LON
Longterm stability	LS
Metric thread (M20 or M25)	M
Non Display	ND
Non Display Fixed connection	NDF
Non Display for handheld terminal	NDH
National Pipe Thread (1/2" or 3/4")	NPT
National Television System Committee (analog TV)	NTSC
OLE for Process Control	OPC
Phase Alternating Line (a colour-en-coding used in TV)	PAL
Profibus Process Application	Profibus PA
Profibus	PB
Probability of Failure on Demand (SIL)	PFD
Programmable logic Controller	PLC
Poison Resistant	PR
Polytron Remote Control	PRC
Polytron Sampling Device	PSD
Power Supply Unit	PSU
Receiver	Rx
REGARD Visualization Panel	RVP
Stainless Steel 316	S
Stainless Steel 316	SS
Sampling Unit	SAM
Semiconductor	SC
Analog Display (channel card Polytron SE Ex)	SE Ex/ A
Bargraph Display (channel card Polytron SE Ex)	SE Ex/ B
Safety Integrity Level	SIL
Software	SW
Technischer Überwachungs-Verein (Technical Inspection Association)	TÜV

FIRE & GAS DETECTION SYSTEMS

Transmitter	Tx
Underwriters Laboratories Inc.	UL
Uninterrupted power supply	UPS
Universal Serial Bus	USB
Ultra Violet	UV
Ultraviolet & Infrared	UV/IR
Explosion proof	XP
Extra-small	XS

ENGINEERED SOLUTIONS

PORTABLE COMPRESSORS

Junior 100	428
Dräger PE 100	431
Oceanus 140	434
Capitano 140	436
Dräger PE 200/250/300 TE	438
Mariner 200/250/320	441
Diesel Units (Capitano 140 and Mariner 170)	446

STATIONARY COMPRESSORS

Mini Verticus	447
PE-MVE	450
Dräger PE 250 HE / 300 HE	451
Verticus	452
Dräger PE 300 to 850 (Super Silent Version)	455
Dräger PE 300 to 850 (Open Version)	457
KAP range	459

ACCESSORIES

SECCANT	463
B-KOOL Refrigerant Type Dryer	464
Compressor Blocks	465

FILTER SYSTEMS

Air Purification System	466
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PARAMINA BREATHING AIR COMPRESSORS

Mistral Series	468
Typhoon Open"E" Series	468
Typhoon Classic Series	470
Typhoon Open "P&D" Series	471
Typhoon Silent Series	472
Cyclone Series	473

BREATHING GAS COMPONENTS

Aero-Guard	475
Automatic Selector Unit	476

FILLING SYSTEMS

Filling Speed Control	477
Dräger Safe Filling System	477
L & W Safety Filling Cabinet	478
Containment Fill Stations CFS 5.5	480
External Fill Panels	481

BREATHING GAS COMPONENTS

Air Guard 4200/4500/5200/5500	484
Dräger Puracon	484
Aerotest	485
OxyTest 2000	487
Oxygen Boosters	488
Mixing Units/Cartridges/Drums/Curtains/Filter Protection	493

TRAINING & WORKSHOP SYSTEMS /EQUIPMENT

Equipment Drying Systems / Hose Drying System	498
CombiClean / CombiDry / CombiPac	499
Dräger MFC 7000	502
Furnishing Programs for Workshops	503
Treadmill/Endless Ladder	507
Arm Ergometer/Bicycle Dynavit	508
Obstacle Elements / Fire Extinguisher Trainer	509
Simulators	511
Fog Machines	512

FIRE TRAINING SYSTEMS

Truck Rescue Trainer TRT-7000	514
Aircraft Simulators	515
Training Containers	515

SELF ESCAPE CABA SYSTEMS

Custom Made Fill Panels	517
Air Storage Banks	518
Quickfill Stations	519
FREEK (First Response Emergency Evacuation Kit) Stations	524
QFS D7000 Training Unit	523
Underground Air Boosters - UAB 7000	523
CABA Lockers	525
Breathing Air Trailers	526
Breathing Systems	527
Refuge Chambers	529
Positive Pressure Unit (PPU)	531
BPU	532

ENGINEERED SOLUTIONS

MOBILE COMPRESSORS

		Time to fill cylinders from empty to 200 bar					Time to fill cylinders from empty to 300 bar				
		6.8	7	9	10	12	6.8	7	9	10	12
		Minutes					Minutes				
140 L/min	JUNIOR 100 Single phase electric, Three phase electric, Petrol	14	14	18	20	24	20	21	27	30	36
	MISTRAL M6 Single phase electric, Three phase electric, Petrol	14	14	18	20	24	20	21	27	30	36
140 L/min	CAPITANO Petrol, Three phase electric	10	10	13	14	17	15	15	19	21	26
	OCEANUS Single phase electric, Three phase electric, Petrol	10	10	13	14	17	15	15	19	21	26
	MISTRAL M8-EM Single phase electric, Three phase electric, Petrol	10	10	13	14	17	15	15	19	21	26
170 L/Min	NOTUS Three phase electric	8	8	11	12	14	12	12	16	18	21
200 L/min	PE-200-TE Three phase electric	7	7	9	10	12	10	11	14	15	18
	MARINER 200 Petrol, Three phase electric	7	7	9	10	12	10	11	14	15	18
250 L/min	PE-250-TE Three phase electric	5	6	7	8	10	8	8	11	12	14
	MARINER 250 Petrol, Three phase electric	5	6	7	8	10	8	8	11	12	14
	TYPHOON OPEN 15E Three phase electric	5	6	7	8	10	8	8	11	12	14
300 L/min	MARINER 320L/MIN Petrol, Three phase electric	4	4	6	6	8	6	7	8	9	11
	TYPHOON OPEN 18E Three phase electric	5	5	6	7	8	7	7	9	10	12



Junior 100



Mistral M6



Capitano



Oceanus



Notus



PE



Mariner



Typhoon

ENGINEERED SOLUTIONS

HORIZONTAL COMPRESSORS

		Time to fill cylinder from empty to 200 bar					Time to fill cylinder from empty to 300 bar				
		6.8	7	9	10	12	6.8	7	9	10	12
		Minutes					Minutes				
170 L/Min	NOTUS CLASSIC Three phase electric	8	8	11	12	14	12	12	16	18	21
250 L/min	PE-250-HE Three phase electric	5	6	7	8	10	8	8	11	12	14
	TYPHOON CLASSIC 15 Three phase electric, Petrol, Diesel	5	6	7	8	10	8	8	11	12	14
	TYPHOON OPEN 15 Petrol, Diesel	5	6	7	8	10	8	8	11	12	14
300 L/min	PE-300-HE Three phase electric	5	5	6	7	8	7	7	9	10	12
	TYPHOON CLASSIC 18 Three phase electric, Petrol	5	5	6	7	8	7	7	9	10	12
	TYPHOON OPEN 15 Petrol	5	5	6	7	8	7	7	9	10	12



Notus Classic



PE-HE



Typhoon Classic



Typhoon Open

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ENGINEERED SOLUTIONS

VERTICAL COMPRESSORS

		Time to fill cylinders from empty to 200 bar					Time to fill cylinders from empty to 300 bar				
		6.8	7	9	10	12	6.8	7	9	10	12
		Minutes					Minutes				
150 L/min	MINI VERTICUS 150 L/min	9	9	12	13	16	14	14	18	20	24
200 L/min	MINI VERTICUS 200 L/min	7	7	9	10	12	10	11	14	15	18
250 L/min	MINI VERTICUS 250 L/min	5	5	7	8	10	8	8	11	12	14
	TYPHOON SILENT 15	5	5	7	8	9	8	8	10	12	14
	VERTICUS 260 L/min	5	5	7	8	9	8	8	10	12	14
300 L/min	VERTICUS 320 L/min	4	4	6	6	8	6	7	8	9	11
	PE 300-VSE 300 L/min	5	5	6	7	8	7	7	9	10	12
	CYCLONE SILENT 18	5	5	6	7	8	7	7	9	10	12
400 L/min	VERTICUS 370 L/min	4	4	5	5	6	6	6	7	8	10
	PE 400-VSE 400 L/min	3	4	5	5	6	5	5	7	8	9
	VERTICUS 450 L/min	3	5	4	4	5	5	5	6	7	8
	CYCLONE SILENT 24	3	5	5	5	6	5	5	7	8	9



Mini Verticus



Typhoon Silent



Verticus 5



PE-VSE



Cyclone Silent

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ENGINEERED SOLUTIONS

VERTICAL COMPRESSORS

		Time to fill cylinders from empty to 200 bar					Time to fill cylinders from empty to 300 bar				
		6.8	7	9	10	12	6.8	7	9	10	12
		Minutes					Minutes				
500 L/min	VERTICUS 540 L/min	3	3	3	4	4	4	4	5	6	7
	PE 550-VSE 550 L/min	2	3	3	4	4	4	4	5	5	7
	CYCLONE SILENT 30	3	3	4	4	5	4	4	5	6	7
600 to 850 L/min	VERTICUS 680 L/min	2	2	3	3	4	3	3	4	4	5
	PE 700-VSE 700 L/min	2	2	3	3	3	3	3	4	4	5
	PE 850-VSE 850 L/min	2	2	2	2	3	2	2	3	4	4
	CYCLONE SILENT 30 600 L/min	2	2	3	3	4	3	4	5	5	6

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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JUNIOR 100

The Dräger JUNIOR 100 is the most compact, mobile Dräger diving compressor.

General

- Portable
- Noise level 87 dB(A) at 1m distance

SCOPE OF DELIVERY**Compressor block**

- Micronic intake filter
- Intermediate cooler, after-cooler
- Intermediate separator
- Intermediate pressure safety valves
- Compressor unit and drive motor are mounted on a base frame

Filter system for pure breathing air

- P21 filter system

Condensate drainage

- Manual condensate drain
- Automatic condensate drain as option

B-Timer

- For monitoring the cartridge saturation, with operating hours indication

Filling device for PN 200 or 300 bar

Consisting of:

- 1x Filling hose, 1m long
- 1x Filling Valve PN 200 or 300 bar (self venting), pressure gauge, cylinder DIN connection G5/8

**Change-over device PN 300/200 bar (as option)**




Consisting of:

- 1x Change-over valve
- 1x Safety valve 225 bar
- 1x Filling hose 1m long for PN 200 bar
- 1x Filling hose 1m long for PN 300 bar
- 1x Filling valve PN 200 bar (self venting), pressure gauge, cylinder DIN connection G5/8
- 1x Filling valve PN 300 bar (self venting), pressure gauge, cylinder DIN connection G5/8









JUNIOR 100-B-PN 200 bar, 1x fill hose PN 200 bar (basic version)	Petrol Engine	6531089	1	532
JUNIOR 100-B-PN 300 bar, 1x fill hose PN 300 bar (basic version)	Petrol Engine	6531090	1	532
JUNIOR 100-B-PN 200 bar, 2x fill hose PN 200 bar	Petrol Engine	6568666	1	532
JUNIOR 100-B-PN 300 bar, 2x fill hose PN 300 bar	Petrol Engine	6568667	1	532
JUNIOR 100-B-PN 200/300 bar	Petrol Engine	6531091	1	532
JUNIOR 100-B-PN 200 bar, with Automatic Condensate Drain	Petrol Engine	6568660	1	532
JUNIOR 100-B-PN 300 bar, with Automatic Condensate Drain	Petrol Engine	6568661	1	532
JUNIOR 100-B-PN 200/300 bar, with Automatic Condensate Drain	Petrol Engine	6568662	1	532
JUNIOR 100-E-PN 200 bar, 1x fill hose PN 200 bar (basic version)	3-phase	6531083	1	532
JUNIOR 100-E-PN 300 bar, 1x fill hose PN 300 bar (basic version)	3-phase	6531047	1	532
JUNIOR 100-E-PN 200 bar, 2x fill hose PN 200 bar	3-phase	6568668	1	532
JUNIOR 100-E-PN 300 bar, 2x fill hose PN 300 bar	3-phase	6568669	1	532
JUNIOR 100-E-PN 200/300 bar	3-phase	6531085	1	532
JUNIOR 100-E PN 200 bar, with Automatic Condensate Drain	3-phase	6568654	1	532

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ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
JUNIOR 100-E PN 300 bar, with Automatic Condensate Drain	3-phase	6568655	1	532
JUNIOR 100-E PN 200/300 bar, with Automatic Condensate Drain	3-phase	6568656	1	532
JUNIOR 100-W-PN 200 bar, 1x fill hose PN 200 bar (basic version)	Single Phase	6531086	1	532
JUNIOR 100-W-PN 300 bar, 1x fill hose PN 300 bar (basic version)	Single Phase	6531048	1	532
JUNIOR 100-W-PN 200/300 bar	Single Phase	6531088	1	532
JUNIOR 100-W PN 200 bar, with Automatic Condensate Drain	Single Phase	6568657	1	532
JUNIOR 100-W PN 300 bar, with Automatic Condensate Drain	Single Phase	6568658	1	532
JUNIOR 100-W PN 200/300 bar, with Automatic Condensate Drain	Single Phase	6568659	1	532
Additional components (prices only valid in conjunction with compressor order)				
Trolley				
			1	
Stainless Steel Frame			1	
Intake tube			1	
Retrofit kit for condensate and automatic end pressure shutdown for 1 pressure range			1	
Retrofit kit for condensate and automatic end pressure shutdown for 2 pressure ranges			1	
Maintenance Kits / Spare Parts				
Maintenance kit 500 h/1y (A-JUNIORII-F4-a1)		6533141	1	998
Maintenance kit 1000 h/2y (A-JUNIORII-F4-ab1)		6531129	1	998
Maintenance kit 2000 h/4y (A-JuniorII-F4-abc1)		6531130	1	998
Intake filter (N4823)				
		6531360	1	998
V - belt electric engine 50 Hz (N15426)		6535866	1	997
Filter cartridge P21 for electrical engine (057679)		2302780	1	998
Filter cartridge P21 for gasoline engine, with CO-removal (059183)		2303019	1	998
Filling valve, PN 200 bar, with pressure gauge (071343)				
		6531322	1	998

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Filling valve, PN 300 bar, with pressure gauge (071344)				
		6531323	1	998
Filling hose 1 m, 2xM16x1,5 (N2817)				
		U16597	1	998
Filling hose 1.5 m, 2xM16x1,5 (N3351)		6526132	1	998
Filling hose 2 m, 2xM16x1,5 (N2818)		6531346	1	531
Filling Hose 1 m, 2xM16x1,5 with protection (N2817-S07)				
		3505513	1	
(07756)FILL ADAPTER 200 BAR (Filling hose not included)				
		3557092	1	998
(010912)FILL ADAPTER 300 BAR (Filling hose not included)				
		6525982	1	998
Filling connection PN200 (79375)				
		6907573	1	998
(03147)Fill Connector Yoke Pn200				
		3500215	1	998
Synthetic oil - 5 l (equal to BAUER oil N28355-5)				
		6532442	1	998

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER PE 100

The mobile compressor Dräger PE 100 is by far the smallest and most lightweight of the mobile Dräger compressors.

General

- Drive versions of petrol and electric
- Portable
- Noise level 87 dB(A) at 1m distance

SCOPE OF DELIVERY**Compressor block**

- 3-stage
- Micronic intake filter
- Intermediate cooler
- After-cooler
- Intermediate separator after the 2nd stage
- Intermediate pressure safety valve
- Base frame powder-coated Steel

PE 100-B

Petrol motor 4-stroke

PE 100-E

Incl. connection cable and plug for 415V/50Hz

PE 100-W

Motor protection switch and connection cable Incl. plug 230V/50Hz

Condensate drainage

- Manual condensate drain

**Filling**

- 1x Filling hose, 1m long

Switch over device cannot be supplied.

Triplex filter system P11

- Filter container
- Long life filter cartridges
- Final pressure safety valve









Dräger PE 100 - B - PN 200 bar	Petrol Engine	6534533	1	532
Dräger PE 100 - B - PN 300 bar	Petrol Engine	6534534	1	532
Dräger PE 100 - E - PN 200 bar	3-phase	6534537	1	532
Dräger PE 100 - E - PN 300 bar	3-phase	6534538	1	532
Dräger PE 100 - W - PN 200 bar	Single Phase	6534535	1	532
Dräger PE 100 - W - PN 300 bar	Single Phase	6534536	1	532






6536283 1

Pelicase box for PE 100 E/W

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Maintenance Kits / Spare Parts				
Maintenance kit 500 h/1y (A-PE100-F4-a1)		6912583	1	998
Maintenance kit 1000 h/2y (A- PE100-F4-ab1)		6912584	1	998
Maintenance kit 2000 h/4y (A- PE100-F4-abc1)		6912585	1	998
Intake filter (N4823)				
		6531360	1	998
V - belt electric engine 50 Hz (N15426)		6535866	1	997
Filter cartridge P21 for electrical engine (057679)		2302780	1	998
Filter cartridge P21 for gasoline engine, with CO-removal (059183)		2303019	1	998
Filling valve, PN 200 bar, with pressure gauge (071343)				
		6531322	1	998
Filling valve, PN 300 bar, with pressure gauge (071344)				
		6531323	1	998
				
Filling hose 1 m, 2xM16x1,5 (N2817)				
		U16597	1	998
Filling hose 1.5 m, 2xM16x1,5 (N3351)		6526132	1	998
Filling hose 2 m, 2xM16x1,5 (N2818)		6531346	1	531
Filling Hose 1 m, 2xM16x1,5 with protection (N2817-S07)				
		3505513	1	
(07756)FILL ADAPTER 200 BAR (Filling hose not included)				
		3557092	1	998
(010912)FILL ADAPTER 300 BAR (Filling hose not included)				
		6525982	1	998

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Filling connection PN200 (79375)				
		6907573	1	998
(03147) Fill Connector Yoke Pn200				
		3500215	1	998
Synthetic oil - 5 l (equal to BAUER oil N28355-5)				
		6532442	1	998

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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OCEANUS 140

The mobile compressor Dräger OCEANUS 140 was developed for use on high seas.

General

- Portable
- Noise level 87 dB(A) at 1m distance

SCOPE OF DELIVERY**Compressor block**

- Micronic intake filter
- Intermediate cooler, after-cooler
- Intermediate separator
- Intermediate pressure safety valves
- Compressor unit and drive motor are mounted on a base frame
- base frame, support bracket and frame connections from rust-proof stainless steel

Driven via V belt

Petrol driven models with telescopic intake. systems with electric motor are supplied with start/stop switch and connection cable, systems with 230V/50Hz or 415V/50Hz Incl. plug.

Filter system for pure breathing air

- P21 filter system

Condensate drainage

- Manual condensate drain
- *Automatic condensate drain as option*

Filling device for PN 200 or 300 bar

Consisting of:

- 1x Filling hose, 1m long
- 1x Filling Valve PN 200 or PN 300 bar, with self venting, pressure gauge, cylinder DIN connection G5/8

**Change-over device PN 300/200 bar (as option)**

Consisting of:

- 1x Change-over valve
- 1x Safety valve 225 bar
- 1x Filling hose 1m long for PN 200 bar
- 1x Filling hose 1m long for PN 300 bar
- 1x Filling valve PN 200 bar, with self venting, pressure gauge, cylinder DIN connection G5/8
- 1x Filling valve PN 300 bar, with self venting, pressure gauge, cylinder DIN connection G5/8

B-Timer

- For monitoring the cartridge saturation

OCEANUS 140-B-PN 200 bar	Petrol Engine	6531095	1	532
OCEANUS 140-B-PN 300 bar	Petrol Engine	6531096	1	
OCEANUS 140-B-PN 200/300 bar	Petrol Engine	6531097	1	
OCEANUS 140-E-PN 200 bar	3-phase	6531092	1	532
OCEANUS 140-E-PN 300 bar	3-phase	6531093	1	532
OCEANUS 140-E-PN 200/300 bar	3-phase	6531094	1	
OCEANUS 140-W-PN 200 bar	Single Phase	6531266	1	
OCEANUS 140-W-PN 300 bar	Single Phase	6531267	1	532
OCEANUS 140-W-PN 200/300 bar	Single Phase	6531268	1	532

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Additional components (prices only valid in conjunction with compressor order)				
Automatic Condensate Drain for Petrol Engine (single pressure range)			1	
Automatic Condensate Drain for Single Phase (single pressure range)			1	
Automatic Condensate Drain for Three Phase (single pressure range)			1	
Automatic Condensate Drain for Petrol Engine (dual pressure range)			1	
Automatic Condensate Drain for Single Phase (dual pressure range)			1	
Automatic Condensate Drain for Three Phase (dual pressure range)			1	
Filling device 2x PN 200 bar			1	
Filling device 2x PN 300 bar			1	

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CAPITANO 140

The mobile compressor Dräger CAPITANO 140 comes into its own in professional applications on high seas.

General

- Portable
- Noise level 83 dB(A) at 1m distance

SCOPE OF DELIVERY**Compressor block**

- 3 Stage
- Micronic intake filter
- Intermediate cooler
- After-cooler
- Intermediate separator
- Intermediate pressure safety valve

Air Intake Hose

3m long (only for combustion motors)

Filter system for pure breathing air

- P21 filter system
- P31 filter system as option
- B-Timer as option

Condensate drainage

- Manual condensate drainage
- Automatic drainage with electric control as option

**Filling device**

Filling connection 1x PN 200 or 1x PN 300 bar

Filling connection consists of:

- 1x Filling hose 1m long
- 1x Filling Valve PN 200 or 300 bar, with self venting, pressure gauge, cylinder DIN connection G5/8

Filling device with change-over device PN 200/300 bar (optional)

Filling connection 1x PN 200 + 1x PN 300 bar

Change-over device and additional safety valve 225 bar Included.

Capitano 140 E - PN 200 bar	3-phase	6531098	1	
Capitano 140 E - PN 300 bar	3-phase	6531099	1	
Capitano 140 E - PN 200/300 bar	3-phase	6531100	1	532
Capitano 140 B - PN 200 bar	Petrol	6531101	1	532
Capitano 140 B - PN 300 bar	Petrol	6531102	1	
Capitano 140 B - PN 200/300 bar	Petrol	6531103	1	

Additional components (prices only valid in conjunction with compressor order)

Capitano 140 B

Carrying Trolley	1
Crash frame (necessary for options)	1
Air intake telescope	1
Automatic condensate drain, Incl. 10L collecting tank, final pressure switch off	1
Automatic condensate drain for units with interstage separator after 1st stage	1
Separator after 1st stage	1

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Filter system P31			1	
B-Timer (Not possible when SECURUS is used, upgrade possible)			1	
Filling device 2 x PN 200 bar			1	
Filling device 2 x PN 300 bar			1	
Switch-over device (SOD) 1x PN 200 bar + 1 x PN 300 bar			1	
Capitano 140 E				
Carrying Trolley			1	
Crash frame (necessary for options)			1	
Air intake telescope			1	
Compressor control Incl. final pressure switch off, automatic condensate drain, 10L collecting tank			1	
Automatic condensate drain for units with interstage separator after 1st stage			1	
Separator after 1st stage			1	
Filter system P31			1	
B-Timer (Not possible when SECURUS is used, upgrade possible)			1	
Filling device 2 x PN 200 bar			1	
Filling device 2 x PN 300 bar			1	
Switch-over device (SOD) 1x PN 200 bar + 1 x PN 300 bar			1	

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER PE 200/250/300 TE

The PE 200 to 300 TE series combines a particular compact design with high delivery volumes and easy operation.

General

- Portable
- 3-Stage (PE 200/250), 4-Stage(PE 320)
- Noise level 87 dB(A) at 1m distance

SCOPE OF DELIVERY**Compressor block**

- 3 stage
- Micronic intake filter
- Intermediate cooler
- After-cooler
- Intermediate separator
- Intermediate pressure safety valve
- Support frame

Triplex Filter System P21 / P31 / P42

- P21 filter system
- P31 and P42 as option
- B-Timer as option

Condensate drainage

- Manual condensate drainage
- Automatic drainage with electric control as option

**Filling device for PN 200 or 300 bar:**

Filling connection consists of:

- 1x Filling hose 1m long
- 1x Filling Valve PN 200 or 300 bar, with self venting, pressure gauge, cylinder DIN connection G5/8

Filling device with change-over device PN 200/300 bar (optional)

Filling device 1xPN 200 + 1x PN 300 bar

Change-over device and additional safety valve 225 bar Included.

* Change over device is NOT possible for filter system P31



Dräger PE 200 TE - PN 200 bar	3-phase	6534370	1	532
Dräger PE 200 TE - PN 300 bar	3-phase	6534371	1	532
Dräger PE 200 TE - PN 200/300 bar	3-phase	6534372	1	532
Dräger PE 250 TE - PN 200 bar	3-phase	6534373	1	532
Dräger PE 250 TE - PN 300 bar	3-phase	6534374	1	532
Dräger PE 250 TE - PN 200/300 bar	3-phase	6534375	1	532
Dräger PE 300 TE - PN 200 bar	3-phase	6534364	1	
Dräger PE 300 TE - PN 300 bar	3-phase	6534365	1	532
Dräger PE 300 TE - PN 200/300 bar	3-phase	6534366	1	532

Additional components (prices only valid in conjunction with compressor order)









PE 200 TE

Electronic control with automatic condensate drain and final pressure switch off	1
B-Timer (Not possible when SECURUS is used, upgrade possible)	1
Filling device 2x PN 200 bar	1
Filling device 2x PN 300 bar	1
Switch-over device (SOD) 1x PN 200 bar + 1 x PN 300 bar	1

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
PE 250 TE				
Electronic control with automatic condensate drain and final pressure switch off			1	
Filter upgrade P31 instead of P21			1	
B-Timer (Not possible when SECURUS is used, upgrade possible)			1	
Filling device 2x PN 200 bar			1	
Filling device 2x PN 300 bar			1	
Switch-over device (SOD) 1x PN 200 bar + 1 x PN 300 bar			1	
PE 300 TE				
Electronic control with automatic condensate drain and final pressure switch off			1	
Electronic control with automatic condensate drain and final pressure switch off and SECURUS			1	
Filter upgrade P31 instead of P21			1	
Filter upgrade P42 instead of P21			1	
B-Timer (Not possible when SECURUS is used, upgrade possible)			1	
Filling device 2x PN 200 bar			1	
Filling device 2x PN 300 bar			1	
Switch-over device (SOD) 1x PN 200 bar + 1 x PN 300 bar			1	
Maintenance Kits / Spare Parts				
Maintenance kit 500 h/1y (A-120II-F7-a1)		6906542	1	998
Maintenance kit 1000 h/2y (A-120II-F7-ab1)		6906543	1	998
Maintenance kit 2000 h/4y (A-120II-F7-abc1)		6906544	1	998
Intake filter (N25950)				
		6531356	1	998
V - belt electric engine 50 Hz PE 200 (N2599)		1338269	1	593
V - belt petrol engine PE 200 (N17232)		6559291	1	997
V - belt electric engine 50 Hz PE 250 (N18841)		6532233	1	997
V - belt petrol engine PE 250 (N2598)		1338447	1	593
Filter cartridge P21 for electrical engine (057679)		2302780	1	998
Filter cartridge P21 for gasoline engine, with CO-removal (059183)		2303019	1	998
Filling valve, PN 200 bar, with pressure gauge (071343)				
		6531322	1	998

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Filling valve, PN 300 bar, with pressure gauge (071344)				
		6531323	1	998
Filling hose 1 m, 2xM16x1,5 (N2817)				
		U16597	1	998
Filling hose 1.5 m, 2xM16x1,5 (N3351)		6526132	1	998
Filling hose 2 m, 2xM16x1,5 (N2818)		6531346	1	531
Filling Hose 1 m, 2xM16x1,5 with protection (N2817-S07)				
		3505513	1	
(07756)FILL ADAPTER 200 BAR (Filling hose not included)				
		3557092	1	998
(010912)FILL ADAPTER 300 BAR (Filling hose not included)				
		6525982	1	998
Filling connection PN200 (79375)				
		6907573	1	998
(03147)Fill Connector Yoke Pn200				
		3500215	1	998
Synthetic oil - 5 l (equal to BAUER oil N28355-5)				
		6532442	1	998

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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MARINER 200/250/320

The universal mobile compressors Dräger MARINER 200/250/320 are ideally suited for professional applications under the most extreme operating conditions.

General

- Portable
- 3-Stage (Mariner 200/250), 4-Stage (Mariner 320)
- Noise level 83 dB(A) at 1m distance

SCOPE OF DELIVERY**Compressor block**

- Micronic intake filter
- Intermediate cooler
- After-cooler
- Intermediate separator
- Intermediate pressure safety valve

Air Intake Hose

3m long (only for combustion motors)

Filter system for pure breathing air

- P21 filter system for Mariner 200
- P31 filter system for Mariner 250/320
- P41 with SECURUS as option
- B-Timer for Mariner 320 (for other models as option)

Condensate drainage

- Manual condensate drainage
- Automatic drainage with electric control as option

**Filling device for PN 200 or 300 bar:**

Mariner 200/250 with 2 filling connections (2x PN 200 or 300 bar)
Mariner 320 with 4 filling connection (4x PN 200 or 300 bar)

Filling connection consists of:

- 1x Filling hose 1m long
- 1x Filling Valve PN 200 or 300 bar (self venting), pressure gauge, cylinder DIN connection G5/8

Change-over device PN 200/300 bar (optional)

Mariner 200/250 with one filling connection PN 200 and PN 300 bar each
Mariner 320 with two filling connection PN 200 and PN 300 bar each
Change-over device and additional safety valve 225 bar Included.

Mariner 200 E - PN 200 bar	3-phase	6531116	1	
Mariner 200 E - PN 300 bar	3-phase	6531117	1	532
Mariner 200 E - PN 200/300 bar	3-phase	6531118	1	532
Mariner 200 B - PN 200 bar	Petrol	6531119	1	
Mariner 200 B - PN 300 bar	Petrol	6531120	1	
Mariner 200 B - PN 200/300 bar	Petrol	6531121	1	
Mariner 250 E - PN 200 bar	3-phase	6531110	1	532
Mariner 250 E - PN 300 bar	3-phase	6531111	1	532
Mariner 250 E - PN 200/300 bar	3-phase	6531112	1	532
Mariner 250 B - PN 200 bar	Petrol	6531113	1	532
Mariner 250 B - PN 300 bar	Petrol	6531114	1	
Mariner 250 B - PN 200/300 bar	Petrol	6531115	1	

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Mariner 320 E - PN 200 bar	3-phase	6531104	1	
Mariner 320 E - PN 300 bar	3-phase	6531105	1	532
Mariner 320 E - PN 200/300 bar	3-phase	6531106	1	532
Mariner 320 B - PN 200 bar	Petrol	6531107	1	
Mariner 320 B - PN 300 bar	Petrol	6531108	1	532
Mariner 320 B - PN 200/300 bar	Petrol	6531109	1	

Additional components (prices only valid in conjunction with compressor order)

Mariner 200 B

Carrying Trolley			1	
Air intake telescope			1	
Automatic condensate drain, Incl. 10L collecting tank, final pressure switch off			1	
Automatic condensate drain for units with interstage separator after 1st stage			1	
Separator after 1st stage			1	
Filter system P31			1	
Filter system P41			1	
B-Timer (Not possible when SECURUS is used, upgrade possible)			1	
Filling device 4 x 200 bar			1	
Filling device 4 x 300 bar			1	
Switch-over device (SOD) 1x PN 200 bar + 1 x PN 300 bar			1	
Electric Start			1	

Mariner 200 E


Carrying Trolley			1	
Air intake telescope			1	
Compressor control Incl. final pressure switch off, automatic condensate drain, 10L collecting tank			1	
Automatic condensate drain for units with interstage separator after 1st stage			1	
Separator after 1st stage			1	
B-KOOL-680S(Standalone)			1	
B-KOOL mounting kit (necessary)			1	
Filter system P31			1	
Filter system P41			1	
SECURUS for P41 filter only			1	
B-Timer (Not possible when SECURUS is used, upgrade possible)			1	
Filling device 4 x 200 bar			1	
Filling device 4 x 300 bar			1	
Switch-over device (SOD) 1x PN 200 bar + 1 x PN 300 bar			1	

ENGINEERED SOLUTIONS









PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Mariner 250 B				
Carrying Trolley			1	
Automatic condensate drain, Incl. 10L collecting tank, final pressure switch off			1	
Automatic condensate drain for units with interstage separator after 1st stage			1	
Separator after 1st stage			1	
Filter system P41			1	
B-Timer (Not possible when SECURUS is used, upgrade possible)			1	
Filling device 4 x 200 bar			1	
Filling device 4 x 300 bar			1	
Switch-over device (SOD) 1x PN 200 bar + 1 x PN 300 bar			1	
Electric Start			1	
Mariner 250 E				
Carrying Trolley			1	
Compressor control Incl. final pressure switch off, automatic condensate drain, 10L collecting tank			1	
Automatic condensate drain for units with interstage separator after 1st stage			1	
Separator after 1st stage			1	
B-KOOL-680S (Standalone)			1	
B-KOOL mounting kit (necessary)			1	
Filter system P41			1	
SECURUS for P41 filter only			1	
B-Timer (Not possible when SECURUS is used, upgrade possible)			1	
Filling device 4 x 200 bar			1	
Filling device 4 x 300 bar			1	
Switch-over device (SOD) 1x PN 200 bar + 1 x PN 300 bar			1	
Mariner 320 B				
Carrying Trolley			1	
Automatic condensate drain, Incl. 10L collecting tank, final pressure switch off			1	
Automatic condensate drain for units with interstage separator after 1st stage			1	
Separator after 1st stage			1	
Filter system P41			1	
Switch-over device (SOD) 2x PN 200 bar + 2x PN 300 bar			1	
Electric Start			1	

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ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Mariner 320 E				
Carrying Trolley			1	
Compressor control Incl. final pressure switch off, automatic condensate drain, 10L collecting tank			1	
Automatic condensate drain for units with interstage separator after 1st stage			1	
Separator after 1st stage			1	
B-KOOL-680S (Standalone)			1	
B-KOOL mounting kit (necessary)			1	
Filter system P41			1	
SECURUS for P41 filter only			1	
Switch-over device (SOD) 2x PN 200 bar + 2x PN 300 bar			1	
Maintenance Kits / Spare Parts				
Maintenance kit 500 h/1y (A-120II-F7-a1) – Mariner 200/250		6906542	1	998
Maintenance kit 1000 h/2y (A-120II-F7-ab1) – Mariner 200/250		6906543	1	998
Maintenance kit 2000 h/4y (A-120II-F7-abc1) – Mariner 200/250		6906544	1	998
Maintenance kit 500 h/1y (A-12.14II-F7/8-a1) – Mariner 320		6922738	1	
Maintenance kit 1000 h/2y (A-12.14II-F7/8-ab1) – Mariner 320		6922739	1	
Maintenance kit 2000 h/4y (A-12.14II-F7/8-abc1) – Mariner 320		6922740	1	
Intake filter (N25950) – Mariner 200/250/320				
		6531356	1	998
V - belt electric engine 50 Hz (N2599) – Mariner 200		1338269	1	593
V - belt electric engine 50 Hz (N18841) – Mariner 250/320		6532233	1	997
V - belt petrol engine (N17232) – Mariner 200		6559291	1	997
V - belt petrol engine (N18841) – Mariner 250		6532233	1	997
V - belt petrol engine (N2598) – Mariner 320		1338447	1	593
Filter cartridge P21 for electrical engine (057679)		2302780	1	
Filter cartridge P21 for petrol engine, with CO-removal (059183)		2303019	1	
Filter cartridge P31 for electrical engine (80100)		3590135	1	998
Filter cartridge P31 for petrol / Diesel engine (80114)		6531056	1	
Filter cartridge P41 for electrical engine (062565)		2303124	1	998
Filter cartridge P41 for petrol engine (067224)		6559961	1	998
Filter cartridge P41 SEC for electrical engine (061686)		6907404	1	
Filter cartridge P41 SEC for petrol engine (061687)		3552076	1	998

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Filling valve, PN 300 bar, with pressure gauge (071344)				
		6531323	1	998
Filling hose 1 m, 2xM16x1,5 (N2817)				
		U16597	1	998
Filling hose 1.5 m, 2xM16x1,5 (N3351)		6526132	1	998
Filling hose 2 m, 2xM16x1,5 (N2818)		6531346	1	531
Filling Hose 1 m, 2xM16x1,5 with protection (N2817-S07)				
		3505513	1	
(07756)FILL ADAPTER 200 BAR (Filling hose not included)				
		3557092	1	998
(010912)FILL ADAPTER 300 BAR (Filling hose not included)				
		6525982	1	998
Filling connection PN200 (79375)				
		6907573	1	998
(03147)Fill Connector Yoke Pn200				
		3500215	1	998
Synthetic oil - 5 l (equal to BAUER oil N28355-5)				
		6532442	1	998

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DIESEL UNITS - CAPITANO 140 & MARINER 170

General

- 140-170 L/min
- 3-Stage units
- For harshest weather conditions
- Designed for location-independent use

SCOPE OF DELIVERY**Compressor block**

- Micronic intake filter
- Intermediate cooler
- After-cooler
- Intermediate separator
- Intermediate pressure safety valve

Air Intake Hose

3m long (only for combustion motors)

Filter system for pure breathing air

- P21 filter system
- B-Timer as option

**Filling device****Capitano**

Filling Device 1x PN 200 or PN 300 bar

Mariner

Filling Device 2x PN 200 or PN 300 bar

Filling connection consists of:

- 1x Filling hose 1m long
- 1x Filling Valve PN 200 bar, with self venting, pressure gauge, cylinder DIN connection G5/8

Filling device with change-over device PN 200/300 bar (optional)

Capitano 140 D	Diesel	TBA	1
Mariner 170 D	Diesel	TBA	1

Additional components (prices only valid in conjunction with compressor order)

Capitano 140 D

Carrying trolley	1
Air intake telescope	1
Separator after 1st stage	1
B-Timer	1
Filling device 2x PN 200 bar	1
Filling device 2x PN 300 bar	1
Switch-over device (SOD) 1x PN 200 bar + 1 x PN 300 bar	1

Mariner 170 D

Carrying trolley	1
Air intake telescope	1
Separator after 1st stage	1
B-Timer	1
Switch-over device (SOD) 1x PN 200 bar + 1 x PN 300 bar	1

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ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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MINI-VERTICUS - NEW GENERATION!

Economic and compact, the sound-insulated complete station Dräger Mini-Verticus provides up to 320 litres of breathing air per minute.

General

- 3 versions with free air delivery of 150 to 320 L/min
- Stationary
- Vertical design
- Super silent housing
- PLC compressor control

SCOPE OF DELIVERY**Compressor block**

- Micronic intake filter
- Intermediate cooler, after-cooler
- Pressurised oil lubricated
- Intermediate separator after 2nd stage
- Intermediate pressure safety valve

Compressor control

- Semi or fully automatic operation
- Additional slot for Dräger Air Guard
- B-Control Micro

Filter system for pure breathing air

- P41/P61 filter system

Condensate drainage

- Drains automatically during operation and switching on and off

**Filling device for PN 200 or 300 bar:**

Consisting of:

- 4x Self venting filling valves
- 4x Fill hoses (1m long) with DIN G5/8 cylinder connection

Change-over device PN 200/300 bar (optional)

- 2x Filling valve PN 200 and PN 300 bar each
- Switch-over device and safety valve 225 bar

SECURUS monitoring system

- Controls the degree of saturation of the filter cartridges
- Shut down the system when filter replacement is required



MV 200 L/min

MV 200 - PN225 bar	3-phase	6913340	1	
MV 200 - PN330 bar	3-phase	6913341	1	532
MV 200 - PN 225/330 bar	3-phase	6913342	1	532
MV 200 - PN 330 bar without filling device	3-phase	6913343	1	532









MV 250 L/min

MV 250 - PN225 bar	3-phase	6913730	1	
MV 250 - PN330 bar	3-phase	6913731	1	532
MV 250 - PN 225/330 bar	3-phase	6913732	1	
MV 250 - PN 330 bar without filling device	3-phase	6913733	1	532

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
MV 320 L/min				
MV 320 - PN225 bar	3-phase	6913734	1	
MV 320 - PN330 bar	3-phase	6913735	1	
MV 320 - PN 225/330 bar	3-phase	6913736	1	
MV 320 - PN 330 bar without filling device	3-phase	6913737	1	532
420 bar is also available (260 and 320 L/min)				
Additional components (prices only valid in conjunction with compressor order)				
External suction device above roof (only possible for Super Silent version)			1	532
Exhaust duct (only for Super Silent version possible, exhaust duct and extended base frame not combinable)			1	532
Exhaust duct with ventilation flap			1	532
Compressor control B-CONTROL II			1	532
Compressor control B-APP ready (B-LINK) (Only possible with B-CONTROL MICRO, includes B-LINK WLAN, access point / client and cabling)			1	532
Inter stage			1	532
Oil level monitoring			1	532
Condensate collecting system 60 l (external)			1	532
Interim separation after 1st stage			1	532
B-KOOL (integrated / stand alone, please state!)			1	532
Filter system P61			1	532
Particulate filter			1	532
Extended base frame			1	532
Extension for compressor control B-CONTROL Remote Displays require cable to connect to compressor available at different lengths				
B-CONTROL II				
	Optional: Control for the VERTICUS series instead of the standard B-CONTROL MICRO		1	532
External Display B-CONTROL MICRO				
	Standard		1	532
	With emergency stop switch and cable for emergency stop circuit		1	532

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Maintenance Kits / Spare Parts				
Maintenance kit 500 h/1y (A-120II-F7-a1)		6906542	1	998
Maintenance kit 1000 h/2y (A-120II-F7-ab1)		6906543	1	998
Maintenance kit 2000 h/4y (A-120II-F7-abc1)		6906544	1	998
Intake filter (N25950)				
		6531356		998
V - belt electric engine 50 Hz (N29660)		1338269	1	593
Filter cartridge P41 (062565)		6559291	1	997
Filter cartridge P41 SEC (061686)		6532233	1	997
Filter cartridge P61 (058826)		1338447	1	593
Filter cartridge P61 SECURUS (060036)		2302764	1	998
Filling hose 1 m, 2xM16x1,5 (N2817)				
		U16597	1	998
Filling hose 1.5 m, 2xM16x1,5 (N3351)		6526132	1	998
Filling hose 2 m, 2xM16x1,5 (N2818)		6531346	1	531
Filling Hose 1 m, 2xM16x1,5 with protection (N2817-S07)				
		3505513	1	
(07756)FILL ADAPTER 200 BAR (Filling hose not included)				
		3557092	1	998
(010912)FILL ADAPTER 300 BAR (Filling hose not included)				
		6525982	1	998
Filling connection PN200 (79375)				
		6907573	1	998
(03147)Fill Connector Yoke Pn200				
		3500215	1	998
Synthetic oil - 5 l (equal to BAUER oil N28355-5)				
		6532442	1	998

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PE-MVE

The PE-MVE is Bauer's compact all-in-one solution. The unit vertically designed and ideal for all applications requiring medium charging rates. Supplied as standard with super silent housing.

General

- 2 versions with free air delivery of 250 and 300 L/min
- Stationary
- Vertical design
- Super silent housing
- Ultra compact dimensions

SCOPE OF DELIVERY

- Micronic intake filter
- Intermediate cooler, after-cooler
- Pressurised oil lubricated
- Intermediate separator after 2nd stage
- Intermediate pressure safety valve
- Silent cabinet
- Automatic Condensate Drain
- Final pressure monitoring
- Phase monitoring
- Semi Automatic , fully auto as option

Compressor control

- Semi or fully automatic operation
- Additional slot for Dräger Air Guard
- B-Control Micro

Filter system for pure breathing air

- P31 filter system
- P42 filter system as option

**Condensate drainage**

- Drains automatically during operation and switching on and off

Filling device

PN 200 or 300 bar:

Consisting of:

- 2x Self venting filling valves
- 2x Fill hoses (1m long) with DIN G5/8 cylinder connection

SECURUS monitoring system

- Controls the degree of saturation of the filter cartridges
- Shut down the system when filter replacement is required

* SECURUS with P42 filter only

PE 250-MVE (250L/min)

PE 250-MVE - PN225 bar	3-phase	6909533	1
PE 250-MVE - PN330 bar	3-phase	6909534	1

PE 300-MVE (300L/min)

PE 300-MVE - PN225 bar	3-phase	6909535	1
PE 300-MVE - PN330 bar	3-phase	6909536	1

Additional components (prices only valid in conjunction with compressor order)

Compressor control fully automatic	1
B-Timer*	1
SECURUS*	1
Filter system P42	1

*B-Timer is available with P31 filter

*SECURUS is only available for P42 filter

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER PE 250-HE / 300-HE

For over a century, the name Dräger represents safe breathing throughout the world. Dräger compressors provide safe breathing air for industrial applications, the fire services and for diving.

General

- 2 versions with free air delivery of 250 and 300 L/min
- Stationary
- Horizontal design
- Noise level 87 dB(A) at 1m distance
- Open design

SCOPE OF DELIVERY**Compressor block**

- Micronic intake filter
- Intermediate cooler, after-cooler
- 3-stage
- Intermediate separator
- Intermediate pressure safety valve
- Support frame

Compressor control

- Semi automatic operation

Filter system for pure breathing air

- P31 Filter system
- P42 as option

**Condensate drainage**

- Drains automatically during operation and switching on and off

Change-over device PN 200/300 bar (optional)

- 2x Filling valve PN 200 and PN 300 bar each
- Switch-over device and safety valve 225 bar

SECURUS monitoring system (optional)

- Controls the degree of saturation of the filter cartridges

PE 250 HE

PE 250 HE - PN 225 bar, with filling device 4x PN 200 bar	3-phase	6533054	1	
PE 250 HE - PN 330 bar, with filling device 4x PN 300 bar	3-phase	6533055	1	
PE 250 HE - PN 225/330 bar, with filling device 2x PN 200 bar+2x PN 300 bar with pressure reducer	3-phase	6533056	1	532
PE 250 HE - PN 330 bar, without filling device	3-phase	6533057	1	532

PE 300 HE

PE 300 HE - PN 225 bar, with filling device 4x PN 200 bar	3-phase	6533058	1	
PE 300 HE - PN 330 bar, with filling device 4x PN 300 bar	3-phase	6533059	1	532
PE 300 HE - PN 225/330 bar, with filling device 2x PN 200 bar+2x PN 300 bar with pressure reducer	3-phase	6533060	1	532
PE 300 HE - PN 330 bar, without filling device	3-phase	6533061	1	532

Additional components (prices only valid in conjunction with compressor order)

SECURUS for P42 filter only			1	
B-Timer			1	
Filter upgrade P42 instead of P31			1	

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VERTICUS – NEW GENERATION!

Economic and super silent. The sound-insulated high-pressure compressor station (up to 420 bar).

VERTICUS provides high operational performance and offers safe and reliable breathing air supply for professional applications.

General

- Various versions with free air delivery of 450 to 680 L/min
- Stationary - Vertical design
- Super silent 72 dB(A) at 1m distance
- Suitable for continuous running

SCOPE OF DELIVERY**Compressor block**

- Micronic intake filter
- Pressurised oil lubricated
- Intermediate cooler, after-cooler
- Intermediate separator
- Intermediate pressure safety valve

Compressor Control

- Semi or fully automatic
- B-Control Micro
- Additional slot for external shut down (Dräger Air Guard)

Filter system for pure breathing air

- P61 filter system
- P81 filter system as option

Condensate drainage

- Automatic drainage during operation and when switching on and off

**Filling device (optional)**

- 4x PN 200 bar or 300bar

Change-over device PN 200/300 bar (optional)

- 2x Filling valve PN 200 and PN 300 bar each
- Switch-over device and safety valve 225 bar

SECURUS monitoring system

- Controls saturation status of the filter cartridges



V 450 Silent (450 L/min)

V 450 - PN 225 bar, with filling device	3-phase	6913738	1	
V 450 - PN 330 bar, with filling device	3-phase	6913739	1	532
V 450 - PN 225/330 bar, with filling device	3-phase	6913740	1	
V 450 - PN 330 bar, without filling device	3-phase	6913741	1	532









V 540 Silent (540 L/min)

V 540 - PN 225 bar, with filling device	3-phase	6913742	1	
V 540 - PN 330 bar, with filling device	3-phase	6913743	1	
V 540 - PN 225/330 bar, with filling device	3-phase	6913744	1	
V 540 - PN 330 bar, without filling device	3-phase	6913745	1	532

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
V 680 Silent (680 L/min)				
V 680 - PN 225 bar, with filling device	3-phase	6913746	1	
V 680 - PN 330 bar, with filling device	3-phase	6913747	1	
V 680 - PN 225/330 bar, with filling device	3-phase	6913748	1	
V 680 - PN 330 bar, without filling device	3-phase	6913749	1	532
V 560 – 420 bar Silent (560 L/min)				
V 560 - PN 420 bar, without filling device	3-phase	6913783	1	532
Additional components (prices only valid in conjunction with compressor order)				
External suction device above roof (only possible for Super Silent version)			1	532
ventilation shaft (Only possible for Super Silent version, exhaust duct and extended base frame not combinable)			1	532
Exhaust duct with ventilation flap			1	532
Compressor control B-CONTROL II			1	532
Compressor control B-APP ready (B-LINK) (Only possible with B-CONTROL MICRO, includes B-LINK WLAN, access point / client and cabling)			1	532
Inter stage			1	532
Oil level monitoring			1	532
Condensate collecting system 60 I (external)			1	532
Interim separation after 1st stage			1	532
B-KOOL (integrated / stand alone, please state!)			1	532
Filter system P81			1	532
Particulate filter			1	532
Extended base frame			1	532
Extension for compressor control B-CONTROL Remote Displays require cable to connect to compressor available at different lengths				
B-CONTROL II				
	Optional: Control for the VERTICUS series instead of the standard B-CONTROL MICRO		1	532
External Display B-CONTROL MICRO				
	Standard		1	532
	With emergency stop switch and cable for emergency stop circuit		1	532

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Maintenance Kits / Spare Parts				
Intake filter (N25886)				
		6531345		997
V - belt electric engine 50 Hz (N2600) V450 / V680		6911689	1	997
V - belt electric engine 50 Hz (N29657) V540		6915055	1	997
Filter cartridge P61 (058826)		2302756	1	998
Filter cartridge P61 SECURUS (060036)		2302756	1	998
Filling hose 1 m, 2xM16x1,5 (N2817)				
		U16597	1	998
Filling hose 1.5 m, 2xM16x1,5 (N3351)				
		6526132	1	998
Filling hose 2 m, 2xM16x1,5 (N2818)				
		6531346	1	531
Filling Hose 1 m, 2xM16x1,5 with protection (N2817-S07)				
		3505513	1	
(07756)FILL ADAPTER 200 BAR (Filling hose not included)				
		3557092	1	998
(010912)FILL ADAPTER 300 BAR (Filling hose not included)				
		6525982	1	998
Filling connection PN200 (79375)				
		6907573	1	998
(03147)Fill Connector Yoke Pn200				
		3500215	1	998
Synthetic oil - 5 l (equal to BAUER oil N28355-5)				
		6532442	1	998

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER PE 300 TO 850 VSE (SUPER SILENT VERSION)

Peak delivery up to 850 litres per minute and equipped with automatic control: The new generation of the Dräger PE VSE series has been tailored for your professional applications in industry, fire service and during diving. It guarantees a safe and fast breathing air supply for you with the least control effort.

General

- 5 versions with free air delivery of 300 and 850 L/min
- Stationary - vertical design
- Silent, noise level approx. 72-77 dB(A) at 1m distance
- 3-/4-stage
- Perfect for Scuba diving

SCOPE OF DELIVERY**Compressor block**

- Micronic intake filter
- Intermediate cooler, after-cooler
- 3-stage
- Intermediate separator
- Intermediate pressure safety valve

Compressor control

- Semi or fully automatic operation

Filter system for pure breathing air

- P42 Filter system

Filling device

Filling device can be supplied as option

**Change-over device PN 200/300 bar (optional)**

- 2x Filling valve PN 200 and PN 300 bar each
- Switch-over device and safety valve 225 bar

SECURUS monitoring system

- Controls the degree of saturation of the filter cartridges

Condensate drainage

- Drains automatically during operation and switching on and off

PE 300 VSE

PE 300 VSE - PN 225 bar, with filling device 4x PN 200 bar direct	3-phase	6537010	1	
PE 300 VSE - PN 330 bar, with filling device 4x PN 300 bar direct	3-phase	6537011	1	
PE 300 VSE - PN 225/330 bar with filling device 2x PN 200 bar + 2x PN 300 bar direct connection	3-phase	6537012	1	532
PE 300 VSE - PN 330 bar, without filling device	3-phase	6537013	1	532

SECURUS is included.

PE 400 VSE

PE 400 VSE - PN 225 bar, with filling device 4x PN 200 bar direct	3-phase	6537014	1	
PE 400 VSE - PN 330 bar, with filling device 4x PN 300 bar direct	3-phase	6537015	1	
PE 400 VSE - PN 225/330 bar with filling device 2x PN 200 bar + 2x PN 300 bar direct connection	3-phase	6537016	1	
PE 400 VSE - PN 330 bar, without filling device	3-phase	6537017	1	532

SECURUS is included.

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PE 550 VSE

PE 550 VSE - PN 225 bar, with filling device 4x PN 200 bar direct	3-phase	6537018	1	
PE 550 VSE - PN 330 bar with filling device 4x PN 300 bar direct	3-phase	6537019	1	532
PE 550 VSE - PN 225/330 bar, with filling device 2x PN 200 bar + 2x PN 300 bar direct connection	3-phase	6537020	1	
PE 550 VSE - PN 330 bar, without filling device	3-phase	6537021	1	532

SECURUS is included.

PE 700 VSE

PE 700 VSE - PN 225 bar, with filling device 4x PN 200 bar direct	3-phase	6537022	1	
PE 700 VSE - PN 330 bar, with filling device 4x PN 300 bar direct	3-phase	6537023	1	
PE 700 VSE - PN 225/330 bar, with filling device 2x PN 200 bar + 2x PN 300 bar direct connection	3-phase	6537024	1	
PE 700 VSE - PN 330 bar, without filling device	3-phase	6537025	1	532

SECURUS is Included.

PE 850 VSE

PE 850 VSE - PN 330 bar, without filling device	3-phase	6537029	1	
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SECURUS is included.

Note: PE 320/500/600 VSE are also available.

Additional components (prices only valid in conjunction with compressor order)

External air inlet over roof	1
Exhaust air duct	1
Exhaust air duct with cover	1
Condensate collecting tank 40L	1
B-KOOL-680i*	1
B-KOOL mounting kit (necessary)	1
Filling device 4x PN 200 bar hose connection - upgrade option for units without filling device*	1
Filling device 4x PN 200 bar hose connection - upgrade option for units without filling device*	1
Filling device 2x PN 200 bar + 2x PN 300 bar hose connection - upgrade option for units without filling device*	1

* Filling devices above are only available for PE 300/400/550/700

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER PE 300 TO 850 VE (OPEN VERSION)

Peak delivery up to 850 litres per minute and equipped with automatic control: The new generation of the Dräger PE VSE series has been tailored for your professional applications in industry, fire service and during diving. It guarantees a safe and fast breathing air supply for you with the least control effort.

General

- 5 versions with free air delivery of 300 and 850 L/min
- Stationary - vertical design
- Open design
- 3-/4-stage

SCOPE OF DELIVERY**Compressor block**

- Micronic intake filter
- Intermediate cooler, after-cooler
- 3-stage
- Intermediate separator
- Intermediate pressure safety valve

Compressor control

- Semi or fully automatic operation

Filter system for pure breathing air

- P42 Filter system

Filling device

Filling device can be supplied as option

**Change-over device PN 200/300 bar (optional)**

- 2x Filling valve PN 200 and PN 300 bar each
- Switch-over device and safety valve 225 bar

SECURUS monitoring system

- Controls the degree of saturation of the filter cartridges

Condensate drainage

- Drains automatically during operation and switching on and off

PE 300 VE

PE 300 VE - PN 225 bar, with filling device 4x PN 200 bar direct	3-phase	6536990	1	
PE 300 VE - PN 330 bar, with filling device 4x PN 300 bar direct	3-phase	6536991	1	
PE 300 VE - PN 225/330 bar with filling device 2x PN 200 bar + 2x PN 300 bar direct connection	3-phase	6536992	1	
PE 300 VSE - PN 330 bar, without filling device	3-phase	6536993	1	532

SECURUS is included.

PE 400 VE

PE 400 VE - PN 225 bar, with filling device 4x PN 200 bar direct	3-phase	6536994	1	
PE 400 VE - PN 330 bar, with filling device 4x PN 300 bar direct	3-phase	6536995	1	
PE 400 VE - PN 225/330 bar with filling device 2x PN 200 bar + 2x PN 300 bar direct connection	3-phase	6536996	1	
PE 300 VE - PN 330 bar, without filling device	3-phase	6536997	1	

SECURUS is included.

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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PE 550 VE

PE 550 VE - PN 225 bar, with filling device 4x PN 200 bar direct	3-phase	6536998	1	
PE 550 VE - PN 330 bar with filling device 4x PN 300 bar direct	3-phase	6536999	1	
PE 550 VE - PN 225/330 bar, with filling device 2x PN 200 bar + 2x PN 300 bar direct connection	3-phase	6537000	1	
PE 300 VE - PN 330 bar, without filling device	3-phase	6537001	1	

SECURUS is included.

PE 700 VE

PE 700 VE - PN 225 bar, with filling device 4x PN 200 bar direct	3-phase	6537002	1	
PE 700 VE - PN 330 bar, with filling device 4x PN 300 bar direct	3-phase	6537003	1	
PE 700 VSE - PN 225/330 bar, with filling device 2x PN 200 bar + 2x PN 300 bar direct connection	3-phase	6537004	1	
PE 700 VE - PN 330 bar, without filling device	3-phase	6537005	1	532

SECURUS is included.

PE 850 VE

PE 850 VE - PN 330 bar, without filling device	3-phase	6537009	1	532
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SECURUS is included.

Note: PE 320/500/600 VE are also available.

Additional components (prices only valid in conjunction with compressor order)

External air inlet over roof			1	
Exhaust air duct			1	
Exhaust air duct with cover			1	
Condensate collecting tank 40L			1	
B-KOOL-680S*			1	
B-KOOL mounting kit (necessary)			1	
Filling device 4x PN 200 bar hose connection - upgrade option for units without filling device*			1	
Filling device 4x PN 200 bar hose connection - upgrade option for units without filling device*			1	
Filling device 2x PN 200 bar + 2x PN 300 bar hose connection - upgrade option for units without filling device*			1	

* Filling devices above are only available for PE 300/400/550/700

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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KAP-H

General

- 450 - 680 L/min
- Horizontal design
- Fully automatic compressor control
- Suitable for harsh marine use
- 4-stage
- Open design

SCOPE OF DELIVERY**Compressor control**

- B-Control Micro

Filter system for pure breathing air

- P41-Duo Filter system

SECURUS monitoring system (as option)

- Controls the degree of saturation of the filter cartridges

**Filling device**

No filling device can be supplied (external filling panels can be mounted)

Condensate drainage

- Drains automatically during operation and switching on and off

KAP 15.1-11-H	(450 L/min)	3-phase	TBA	1
KAP 150-11-H	(540 L/min)	3-phase	3503256	1
KAP 180-15-H	(680 L/min)	3-phase	TBA	1
Additional components (prices only valid in conjunction with compressor order)				
Compressor control B-Control II				1
Intermediate pressure gauges				1
Condensate collecting tank 40L				1
Separator after 1st stage including additional condensate valve				1
SECURUS				1

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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KAP-HN (NAVY)**General**

- 370 - 660 L/min
- Horizontal design
- Fully automatic compressor control
- Shock- and Vibration-Optimized Navy Version
- 4-stage
- Open design

SCOPE OF DELIVERY

- Shock and vibration absorbing frame

Compressor control

- B-Control Micro

Filter system for pure breathing air

- P41-Duo Filter system

SECURUS monitoring system (as option)

- Controls the degree of saturation of the filter cartridges

**Filling device**

No filling device can be supplied (external filling panels can be mounted)

Condensate drainage

- Drains automatically during operation and switching on and off

KAP 15.1-7.5-5-HN	(370 L/min)	3-phase	TBA	1
KAP 150-11-5-HN	(540 L/min)	3-phase	TBA	1
KAP 180-15-HN	(660 L/min)	3-phase	TBA	1
Additional components (prices only valid in conjunction with compressor order)				
Compressor control B-Control II				1
Intermediate pressure gauges				1
Condensate collecting tank 40L				1
Separator after 1st stage including additional condensate valve				1
SECURUS				1

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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KAP-H DIESEL

General

- 450 - 680 L/min
- Horizontal design
- Perfect for independent use
- Simple compressor control
- 4-stage
- Open design
- Small footprint

SCOPE OF DELIVERY**Compressor control**

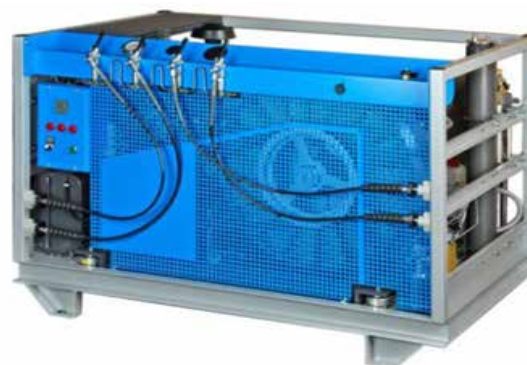
- B-Control Micro

Filter system for pure breathing air

- P61 filter system

SECURUS monitoring system (as option)

- Controls the degree of saturation of the filter cartridges

**Filling device**

No filling device can be supplied (external filling panels can be mounted)

Condensate drainage

- Drains automatically during operation and switching on and off

KAP 15.1-14-DAH	(450 L/min)	Diesel	TBA	1
KAP 150-16-DAH	(540 L/min)	Diesel	TBA	1
KAP 180-18-DAH	(680 L/min)	Diesel	TBA	1
Additional components (prices only valid in conjunction with compressor order)				
External air intake over roof				1
Filter upgrade P81 instead of P61*				1
Separator after 1st stage including additional condensate valve				1
SECURUS				1

* KAP 680 L/min comprises P81 filter system

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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KAP 220 AND KAP 23 RANGE

General

- 650 - 1480 L/min
- For maximum air demand
- Open design (silent version as option)
- External purification system
- 4-stage
- Standard and premium versions

SCOPE OF DELIVERY**Compressor control**

- B-Control Micro for standard version
- B-Control II for premium version

Filter system for pure breathing air

- P80, P100 and P120 filter systems

SECURUS monitoring system (as option)

- Controls the degree of saturation of the filter cartridges

**Filling device**

No filling device can be supplied

Condensate drainage

- Drains automatically during operation and switching on and off

KAP 220-20-E (650 L/min)	3-phase	TBA	1
KAP 220-25-E (800 L/min)	3-phase	TBA	1
KAP 220-30-E (930 L/min)	3-phase	TBA	1
KAP 23-40-E (1300 L/min)	3-phase	TBA	1
KAP 23-50-E (1480 L/min)	3-phase	TBA	1
Additional components (prices only valid in conjunction with compressor order)			
Super silent version			1
Interstage pressure monitoring for premium version			1
Interstage temperature monitoring for premium version			1
Set of inter pressure gauges			1
SECURUS			1
Condensate collecting system 60L			1
Final pressure safety valve			1

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SECCANT

Reliably dry air and gas. Whether in permanent or interval operation. Even for high air throughput. The regeneration dryer Seccant III protects all downstream consumers, pipes and valves against corrosion, icing and contamination.

The SECCANT Includes:

- Oil and water separator
- Micro filter cartridge in the separator
- Automatic change-over unit
- Dryer container with replaceable cartridges
- After-cleaner with activated carbon cartridge(only for SECCANT IIIA)
- Particle filter with filter cartridge
- Pressure retaining non-return valve
- Electronic control
- SECURUS monitoring unit

**SECCANT III / SECCANT IV (for drying compressed air)**

SECCANT III	90-350 bar	Flow range 100-1500 L/min	TBA	1
SECCANT IV	90-350 bar	Flow range 1500-3500 L/min	TBA	1

Additional components (prices only valid in conjunction with compressor order)

SECURUS	1
Pressure Monitoring	1

SECCANT III-A/ SECCANT IV-A (for drying and deoiling compressed air)

SECCANT III-A	90-350 bar	Flow range 100-1500 L/min	TBA	1
SECCANT IV-A	90-350 bar	Flow range 1500-3500 L/min	TBA	1

Additional components (prices only valid in conjunction with compressor order)

SECURUS for SECCANT III-A	1
SECURUS for SECCANT IV-A	1
CO Conversion for SECCANT III-A	1
CO Conversion for SECCANT IV-A	1
Pressure Monitoring	1

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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B-KOOL REFRIGERANT TYPE DRYER**General**

- 90-420 bar
- Up to 11 times longer life for filter cartridges
- Up to 700 L/min



B-KOOL II 680i (on compressor) - new Mini-Verticus and Verticus	6913784	1
B-KOOL 680i (installation on top)	6904440	1
B-KOOL 680s (separatly)	6904816	1
Mounting Kit (for B-KOOL 680i, integrated) new MINI-VERTICUS and VERTICUS	6913785	1
Mounting Kit (for B-KOOL 680i) PE-VE	6904815	1
Mounting Kit (for B-KOOL 680s) PE-VE	6904817	1
Mounting Kit (for B-KOOL 680s) new MINI-VERTICUS and VERTICUS	6909043	1

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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COMPRESSOR BLOCKS

Bauer Compressor blocks for Air 90-500 bar.

- 85-610 L/min
- 2.2-15 KW

Scope of supply

- Compressor block with
- Micronic type suction filter
- Intermediate and final cooler
- Intermediate separators from 2nd stage
- Intermediate safety valves
- Flywheel for v-belt drive
- Crank case with oil drain valve

**90-350 bar**

IK 100 (V001)	85-125 L/min	TBA	1	
IK 120 (V001)	170-215 L/min	TBA	1	
IK 12.14 (V001)	230-300 L/min	TBA	1	
IK 15.1 (V001)	340-420 L/min	3590333	1	
IK 150 (V001)	500 L/min	3551095	1	
IK 180 (V001)	610 L/min	3551015	1	532

350-420 bar

IK 100-420 (V001)	100 L/min	TBA	1	
IK 12.14 (V001)	230-290 L/min	TBA	1	

350-500 bar

IK 15.11 (V001)	310-420 L/min	TBA	1	
IK 18.1 (V001)	510 L/min	TBA	1	

ENGINEERED SOLUTIONS

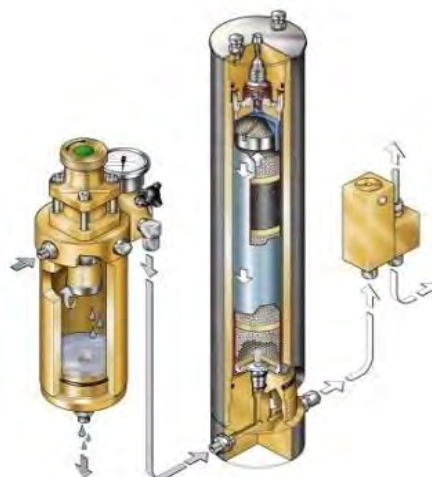
PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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AIR PURIFICATION (FILTER) SYSTEM

- 90-350 bar
- Up to 1,000 L/min
- High Pressure Purification System

Scope of supply

- Filter housing(s), complete with 1 set of filter cartridge(s)
- Non-return valve with gauge and venting valve
- Combined pressure maintaining / non-return valve
- Screw fittings and 0,5 m piping for connecting components
- Filter key for cartridge replacement



P21	-300 L/min	3552082	1	
P31	-350 L/min	3599928	1	532
P42	-550 L/min	3503253	1	
P41	-450 L/min	3552104	1	532
P61	-850 L/min	3552107	1	532
P81	-1000 L/min	3552109	1	

Standard Scope of supply does not include a safety valve.

Additional filter for purification system with CO conversion available

Mounting kit for 680s (standalone)				
Mounting Kit P21		TBA	1	
Mounting Kit P31		3503466	1	
Mounting Kit P42		3503254	1	
Mounting Kit P41		TBA	1	
Mounting Kit P61		TBA	1	
Mounting Kit P81		TBA	1	
Mounting kit for 680s (standalone)				
Switch-Over Device		TBA	1	
SECURUS FILTER MONITORING FOR P42, P41,P61,P81,P101		TBA	1	

CO CONVERSION CAN BE QUOTED ON REQUEST.

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Filter Cartridges				
(04852)CARTRIDGE FILTER		3552061	1	
(057679)CARTRIDGE P21 TRIPLEX		2302780	1	
(058596)CARTRIDGE FILTER		3552066	1	998
(058817)CARTRIDGE MULTIPLEX AC		3503209	1	998
(058825)CARTRIDGE DRYING		3552068	1	
(058826)CARTRIDGE P61 STD		2302756	1	998
(059183)CARTRIDGE P21 CO TRIPLEX		2303019	1	998
(060036)CARTRIDGE P61S		2302764	1	998
(060037)CARTRIDGE P61S CO		6536315	1	998
(061686)CARTRIDGE P41S		6907404	1	998
(061687)CARTRIDGE P41S CO		3552076	1	998
(062565)CARTRIDGE P41 STD		3552079	1	998
(065562)FILTER CARTRIDGE P61 CO		2303124	1	
(067812)CARTRIDGE SECCANT		3502675	1	998
(067868)CARTRIDGE SECCANT IVMS		3502663	1	998
(80100)CARTRIDGE P31 STD		3590135	1	998
(80114)CARTRIDGE P31 CO		6531056	1	998

ENGINEERED SOLUTIONS

PARAMINA BREATHING AIR COMPRESSORS

MISTRAL SERIES



MISTRAL is Paramina's "petit" mobile high pressure piston compressor. The unit is 3-staged, air cooled and easy to transport due to the built-in wheels.

MISTRAL provides a reliable source of breathing air due to the new unique purification system. It is suitable for private divers, small dive shops and dive boats.

Its very slow turning speed accomplishes low noise level, almost zero vibration and ensures long life operation.

MISTRAL SERIES	M6-EM	M8-EM	M6-ET	M8-ET	M6-BZ	M8-BZ
Dräger Part Number	3503327	3503328	3503329	3503330	3503331	3503332
Capacity (l/min)	103	140	103	140	103	140
Drive	Single phase	Single phase	3-Phase	3-Phase	4 Stroke Petrol	4 Stroke Petrol
Drive (kW)	2	3	2	3	4	4
rpm	1,200	1,750	1,200	1,750	1,200	1,200
Dimensions (LxWxH - cm)	74x38x47	74x47x47	74x38x47	74x47x47	87x38x47	89x47x47
Weight (Kg)	54	71	53	70	55	72

Price						
Automatic stop	Included	optional	Included	optional	Included	optional
Hourmeter: Electric (EM/ET) or Vibration (BZ)	Included	Included	Included	Included		
Automatic Condensate Drain	optional	optional	optional	optional	optional	optional
Condensate Collecting Tank	optional	optional	optional	optional	optional	optional
Switch-over device PN225/PN330 bar - only one pressure at a time. Without final pressure switch off	optional	optional	optional	optional	optional	optional
Switch-over device PN225/PN330 bar - only one pressure at a time. With final pressure switch off	optional	optional	optional	optional	optional	optional
Automatic Start	optional	optional	optional	optional	n/a	n/a
Filter upgrade to Larger Aluminium BA Filter Φ80x535	optional	optional	optional	optional	optional	optional
Extra filling hose with valve (1 hose std.)	optional	optional	optional	optional	optional	optional

ENGINEERED SOLUTIONS

TYPHOON OPEN "E" SERIES



Typhoon series, 3-staged air-cooled high pressure piston compressor, comprising 12 standard models, with very low turning speed (RPM) and pure breathing air making it a perfect solution for any breathing air application. The series consists of three versions:

- Open frame portable
- Classic stationary
- Silent

All Typhoon electric versions provide automatic stop & automatic condensate drain as standard scope of delivery.

TYPHOON OPEN "E" SERIES	OPEN 15E	OPEN 18E	OPEN 15ES	OPEN 13ES
Dräger Part Number	3503306	3503307	3503308	3503309
Capacity (l/min)	250	300	250	210
Drive	3-Phase	3-Phase	3-Phase	3-Phase
Drive (kW)	5.5	7.5	5.5	4.0
Speed rotation (rpm)	1,100	1,300	1,100	930
Dimensions (LxWxH - cm)	107x54x70	107x54x70	-	-
Weight (Kg)	155	175	-	-

Price				
Automatic stop	Included	Included	Standard Equipment: Manual stop, manual drain, direct on line starting system, 1 filling hose c/w DIN + Int'l connectors, simple electric box c/w start/stop button & thermal motor overload protection. w/o condensate collecting tank, w/o interstage manometers, w/o electric hourmeter	
Automatic condensate drain	Included	Included		
Condensate collecting tank	Included	Included		
Interstage pressure gauges	Included	Included		
Low oil level alarm	optional	optional		
Thermometer to indicate temperature of the last stage	optional	optional		
Bimetal switch (High temp. alarm) to switch off the compressor	optional	optional		
Switch-over device PN225/PN330 bar - simultaneous filling with pres. Regulator	optional	optional		
Extra filling hose (2 hoses std.)	optional	optional		
Electric hourmeter	Included	Included		
Star/Delta starter	optional	Included		
Automatic Start	optional	optional		
Filter upgrade to Aluminium BA Filter Φ110x495	optional	Included		
Secondary extra Aluminium BA Filter Φ110x495	optional	optional		
Vibration hourmeter	n/a	n/a	optional	optional

ENGINEERED SOLUTIONS

TYPHOON CLASSIC SERIES



TYPHOON CLASSIC SERIES	CLASSIC 15E	CLASSIC 18E	CLASSIC 15P	CLASSIC 18P	CLASSIC 15D
Dräger Part Number	3503310	3503311	3503312	3503313	3503314
Capacity (l/min)	250	300	250	300	250
Drive	3-Phase	3-Phase	4 Stroke Petrol	4 Stroke Petrol	Diesel
Drive (kW)	5.5	7.5	6.0	8.2	6.8
Speed rotation (rpm)	1,100	1,300	1,100	1,300	1,100
Dimensions (LxWxH - cm)	134x58x77	134x58x77	134x58x77	134x58x77	134x58x77
Weight (Kg)	216	225	195	215	210

Price					
Automatic stop	Included	Included	optional	optional	optional
Automatic condensate drain	Included	Included	optional	optional	optional
Condensate collecting tank	Included	Included	optional	optional	optional
Interstage manometers	Included	Included	Included	Included	Included
Low oil level alarm	optional	optional	optional	optional	optional
Thermometer (High temp. alarm)	optional	optional	n/a	n/a	n/a
Bimetal switch (High temp. alarm) to switch off the compressor	optional	optional	optional	optional	optional
Switch-over device PN225/PN330 bar - simultaneous filling with pres. Regulator	optional	optional	optional	optional	optional
Extra filling hose (2 hoses std.)	optional	optional	optional	optional	optional
Hourmeter: Electric (15E/18E) or Vibration (15P/18P/15D)	Included	Included	optional	optional	optional
Star/Delta starter	optional	Included	n/a	n/a	n/a
Automatic Start	optional	optional	n/a	n/a	n/a
Filter upgrade to Aluminium BA Filter Φ110x495	optional	Included	\$379	Included	optional
Secondary extra Aluminium BA Filter Φ110x495	optional	optional	optional	optional	optional

ENGINEERED SOLUTIONS

TYPHOON OPEN "P & D" SERIES



TYPHOON OPEN "P & D" SERIES	OPEN 15P	OPEN 18P	OPEN 15D
Dräger Part Number	3503315	3503316	3503317
Capacity (l/min)	250	300	250
Drive	4 Stroke Petrol	4 Stroke Petrol	Diesel
Drive (kW)	6.0	8.2	6.8
Speed rotation (rpm)	1,100	1,300	1,100
Dimensions (LxWxH - cm)	128x52x73	128x52x73	128x52x73
Weight (Kg)	148	168	152

Price			
Automatic stop	optional	optional	optional
Automatic condensate drain w/ collecting tank	optional	optional	optional
Interstage manometers	Included	Included	Included
Low oil level alarm	optional	optional	optional
Bimetal switch (High temp. alarm) to switch off the compressor	optional	optional	optional
Switch-over device PN225/PN330 bar - simultaneous filling with pres. Regulator	optional	optional	optional
Extra filling hose (2 hoses std.)	optional	optional	optional
Vibration hourmeter	optional	optional	optional
Filter upgrade to Aluminium BA Filter Φ 110x495	optional	Included	optional
Secondary extra Aluminium BA Filter Φ 110x495	optional	optional	optional

ENGINEERED SOLUTIONS

TYPHOON SILENT SERIES



TYPHOON SILENT SERIES	SILENT 15	SILENT 18
Dräger Part Number	3503318	3503319
Capacity (l/min)	250	300
Drive	3-Phase	3-Phase
Drive (kW)	5.5	7.5
Speed rotation (rpm)	1,100	1,300
Dimensions (LxWxH - cm)	78x97x117	78x97x117
Weight (Kg)	260	275

Price		
Automatic stop	optional	optional
Automatic condensate drain w/ collecting tank	optional	optional
Interstage pressure gauges	optional	optional
Low oil level alarm	optional	optional
Temp. Sensor (High temp. alarm)	Included	Included
Switch-over device PN225/PN330 bar - simultaneous filling with pres. Regulator	optional	optional
Extra filling hose (2 hoses std.)	optional	optional
Star/Delta starter	\$259	Included
Automatic Start	Included	Included
Filter upgrade to Aluminium BA Filter Φ110x495	optional	Included
Secondary extra Aluminium BA Filter Φ110x495	optional	optional

ENGINEERED SOLUTIONS

CYCLONE SERIES



CYCLONE, the silent 4-stage, air cooled high pressure compressor. Combining low turning speed (RPM), sound proof insulated doors, optimum cooling system and easy to use digital control panel, providing smooth, safe, quiet and long life operation. Easy access through large openings ensuring quick maintenance.

The multi stage purification system guarantees absolute clean air.

CYCLONE SERIES	SILENT 24	SILENT 30	SILENT 36
Dräger Part Number	3503320	3503321	3503322
Capacity (l/min)	400	500	600
Drive	3-Phase	3-Phase	3-Phase
Drive (kW)	7.5	11.0	15.0
Speed rotation (rpm)	800	1,000	1,200
Dimensions (LxWxH - cm)	76x113x178	76x113x178	76x113x178
Weight (Kg)	470	510	530

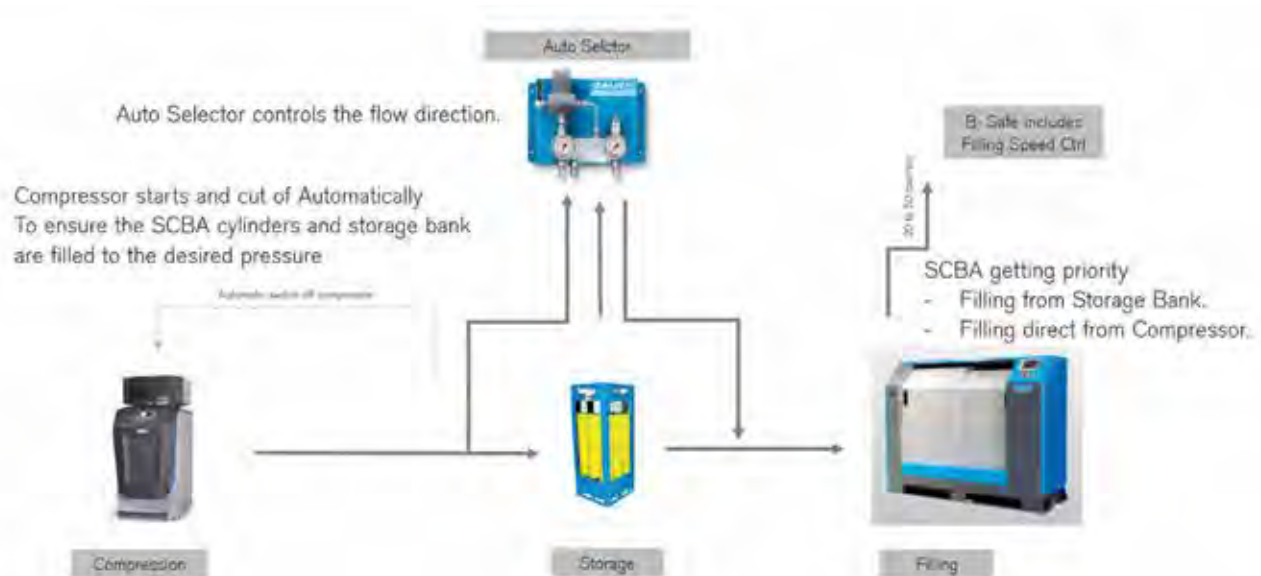
Price			
Automatic stop	Included	Included	Included
Automatic condensate drain w/ collecting tank	Included	Included	Included
Interstage manometers	optional	optional	optional
Low oil level alarm	optional	optional	optional
Temp. Sensor (High temp. alarm)	Included	Included	Included
Voltage failure & phase rotation safety device	optional	optional	optional
Switch-over device PN225/PN330 bar - simultaneous filling with pres. Regulator	optional	optional	optional
Extra filling hose (5 hoses std.)	optional	optional	optional
Automatic Start	Included	Included	Included
Star/Delta starter	Included	Included	Included

ENGINEERED SOLUTIONS

SAMPLE SETUP



SAMPLE SETUP



ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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AERO-GUARD (BREATHING AIR CO₂ ABSORBER)

The constantly rising CO₂ concentration in the air due to unfavourable ambient conditions makes it increasingly difficult for filling station operators to meet the mandatory statutory upper limits for CO₂. With the breathing air CO₂ absorber the operator is always on the safe side the CO₂ content will be reduced on the intake side of the compressor.

**The breathing air CO₂ system consists of the following modules:**

- Intake pipe (matching connection hoses must be ordered separately, see 'accessories')
- Water barrel, 60L
- Filter cartridge containing 9kg special carbon dioxide absorber
- Dimensions (WXDXH) cm: 50 x 46 x 72
- weight: 26kg Including filter cartridge and 10L water filling

CO ₂ absorber size M (open system) 160-230 L/min	6536320	1	
CO ₂ absorber size M (silent system) 160-230 L/min	6536321	1	
CO ₂ absorber size L (open system) 240-320 L/min	6536901	1	
CO ₂ absorber size L (silent system) 240-320 L/min	6536902	1	532
CO ₂ absorber size XL (open system) 330-450 L/min	6536903	1	
CO ₂ absorber size XL (silent system) 330-450 L/min	6536904	1	532
CO ₂ absorber size XXL (open system) 460-680 L/min	6536905	1	
CO ₂ absorber size XXL (silent system) 460-680 L/min	6536906	1	

Note: hoses are Included

Accessories

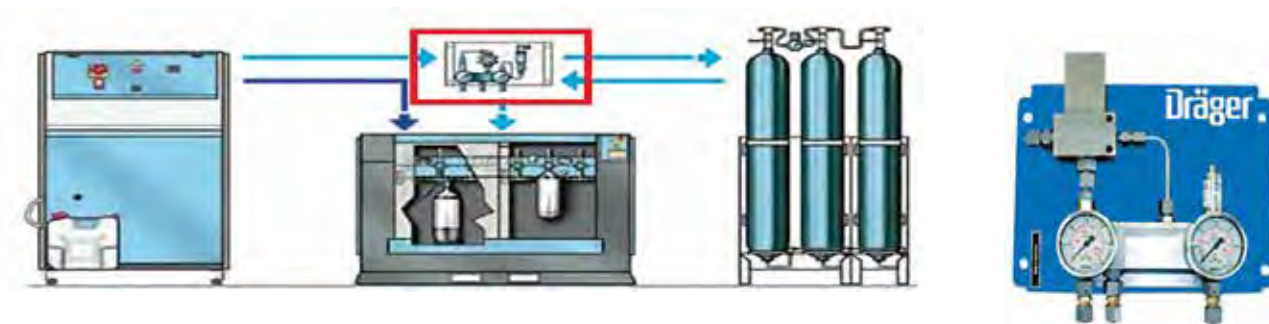
Inlet side	Hose inner diameter (mm)			
Intake hose complete	60	6598080	1	535
Intake connector with sleeve	100/60	6533103	1	998
Intake hose to the intake connector		6533104	1	998
Outlet side				
Intake hose complete for open systems: IK100II, IK120II, IK12.14II	60/40	6598082	1	
Intake hose complete for open systems: IK150II, IK180II, IK15.1II	60/60	6598080	1	535
Intake hose complete for silent systems: IK100II, IK120II, IK12.14II	60/40	6533105	1	535
Intake hose complete for silent systems: IK150II, IK180II, IK15.1II	60/60	6598085	1	535

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
Hoses for older compressors models				
Intake hose complete for open systems: K100-K120 (with intake filter 013758) manufactured prior to 4/2004 K15 (with intake filter 056372)	60/32	6598086	1	
Intake hose complete for silent systems: K100-K120 designed as above	60/25	6598087	1	
Replacement filter cartridge				
Filter cartridge Incl. 10 pcs water disinfection tablets for 10 litres water each		6532440	1	998
Sterilisation tablets 40 pcs		TBA	1	

AUTOMATIC SELECTOR UNIT

The Automatic Selector Unit enables the efficient and automatic filling of one or several compressed air cylinders from an intermediate reservoir and simultaneously from a compressor.



Automatic Selector for compressors w/ B-Control PN350 bar		2303310	1	532
Automatic Selector for compressors w/o B-Control PN350 bar		TBA	1	
Automatic Selector for compressors with B-Control PN420 bar		6534457	1	

ENGINEERED SOLUTIONS

PRODUCT	DRIVE	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FILLING SPEED CONTROL (FSC)

System module to guarantee the filling speed in accordance with the manufacturer specification for the compressed-air cylinders (20 – 50 bar/min).

Scope of supply:

- Pilot operated by a PLC system (24V DC)
- Tube connection 8mm
- 2x pressure sensors for inlet/outlet
- Filter 25 µm at inlet



DFSC-300

6536600

1

532

DRÄGER SAFE FILLING SYSTEM (DSF-ECO) W/O ELECTRONIC CONTROL

DSF ECO is a high pressure safety filling cabinet for breathing air cylinders. Unit must be directly fed by a compressor and cannot be used with a storage bank.

Features and benefits:

- Two lockable sliding doors
- Maximum 6 fill holes



DSF 6x PN 300 bar filling hoses

TBA

1

DSF 3x PN 200 bar+ 3x PN 300 bar filling hoses

TBA

1

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER SAFE FILLING SYSTEM (DSF) WITH ELECTRONIC CONTROL

The Dräger DSF safety filling system is designed for the safe filling of breathing air cylinders, combined with a high pressure compressor, it enables the filling of up to 6 cylinders with pressures of 200 or 300 bar.

Features and benefits:

- Two lockable sliding doors
- Can be equipped with maximum 6 outlets
- Automatic change-over unit
- Touch screen interface (not with the pneumatic version)
- Fill speed control valve to keep the fill speed between 20-50 bar/min
- to be used with bank storage
- Solenoid valve version with no filling speed control
- to be used with compressor

**Fill Speed Control Version**

DSF 6x PN 300 bar filling hoses	6532955	1	
DSF 3x PN 200 bar+ 3x PN 300 bar filling hoses	6534446	1	532

Solenoid Valve Version

DSF 6x PN 300 bar Filling hoses	6598739	1	
DSF 3x PN 200 bar + 3x PN 300 bar filling hoses	6598740	1	

Additional components

Fixation plate Including cylinder straps (set of 6 pcs)		1	
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ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER SAFETY FILLING CABINETS - MADE IN GERMANY

Features and benefits:

- Armoured Steel cabinets, suitable for 225mm diameter breathing air cylinders
- max inlet pressure 350 bar
- Adjustable flow restrictor
- Self-venting lever filling valves for each outlet
- Emergency cut off switch
- High pressure solenoid valve
- Safety door lock mechanism with control light
- Start / Stop buttons



Type 1

Type 1 - Single Pressure

LW-2S	(2x PN200 bar or 2x PN300 bar)	TBA	1
LW-3S	(3x PN200 bar or 3x PN300 bar)	TBA	1

Type 1 - Dual Pressure

LW-2S	(2x PN200 bar and 2x PN300 bar)	TBA	1
LW-3S	(3x PN200 bar and 3x PN300 bar)	TBA	1

Maximum cylinder diameter: 220mm



Type 2

Type 2 : Units with five or seven filling slots

Type 2 - Single Pressure

LW-5S	(5x PN200 bar or 5x PN300 bar)	TBA	1
LW-7S	(7x PN200 bar or 7x PN300 bar)	TBA	1

Type 2 - Dual Pressure

LW-5S	Configure to order	TBA	1
LW-7S	Configure to order	TBA	1

Maximum cylinder diameter: 163mm

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CONTAINMENT FILL STATIONS CFS5.5 - BAUER US VERSION

Features and benefits:

- Front loading and explosion proof housing
- Cascade panel available as option



CFS5.5

CFS5.5-3S 3x 200 bar fill slots	front - loading, three (3) cylinder positions	3503040	1	531
CFS5.5-3S 3x 300 bar fill slots	front - loading, three (3) cylinder positions	3503045	1	531
CFS5.5-3S 2x 200 bar + 1x 300 bar fill slots	front - loading, three (3) cylinder positions	3503046	1	
CFS5.5-3S 2x 200 bar + 1x 300 bar fill slots, simultaneous filling for both pressures	front - loading, three (3) cylinder positions	3503263	1	
CFS5.5-3S 2x 300 bar + 1x 200 bar fill slots, Dual function, four inlets	front - loading, three (3) cylinder positions	3503382	1	
CFS5.5-1S	front - loading, one (1) cylinder position	3500091	1	531
CFS5.5-2S	front - loading, two (2) cylinder positions	3557614	1	

Optional Cascade Panels

/SF TM/CSCD

Single function, top mount, four bank cascade panel (compressor inlet) - 2S and 3S models only

/SF SM/CSCD

Single function, side mount, four bank cascade panel (compressor inlet)

/DF TM/CSCD

Dual function, top mount, four bank cascade panel. The dual function feature offers the ability to refill a storage bank, even with the bank valve closed, while filling SCBAs from another bank. It also includes an air direction valve allowing the operator to select "Fill from storage" or "Fill from compressor"

/SF SM/CSCD

Single function, side mount, four bank cascade panel (compressor inlet)

ENGINEERED SOLUTIONS

VERSION	SAFETY VALVE 225 BAR	PRESSURE SENSOR	B-CONTROL PANEL	SWITCH-OVER VALVE	PRESSURE REDUCER	SUITABLE FOR DSF	PART NO
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EXTERNAL FILL PANELS

Dräger breathing air fill panels can be used as accessories for all Dräger high pressure breathing air compressors. They are used where the external fill panel is e.g. installed in a separate room. An assembly kit (optional) is required to connect the breathing air compressor and the external fill panel.

Features and benefits:

- Separate filling panels for wall mounting
- Optional remote control of the filling process possible
- Lever self-venting filling valves with silencer for quiet operation
- B-Control control panel (optional)
- Start/Stop, fault lamp, emergency off switch, connection cable (optional)



B-Control Panel



Hard wired switching panel



Hardwired Switching panel with SECURUS signal lamp

without B-CONTROL panel with 4 connections

200 bar, 4x, hose connection						TBA
300 bar, 4x, hose connection						3503361
200 bar, 4x, hose connection	•				•	TBA
200/300 bar, 4x, hose connection	•				•	3503252
200 bar, 4x, direct connection						TBA
300 bar, 4x, direct connection						3503333
200 bar, 4x, direct connection	•				•	TBA
200/300 bar, 4x, direct connection	•				•	TBA

without B-CONTROL panel with 6 connections

200 bar, 6x, hose connection						TBA
300 bar, 6x, hose connection						TBA
200 bar, 6x, hose connection	•				•	TBA
200/300 bar, 6x, hose connection	•				•	TBA
200 bar, 6x, direct connection						TBA
300 bar, 6x, direct connection						TBA
200 bar, 6x, direct connection	•				•	TBA
200/300 bar, 6x, direct connection	•				•	TBA

ENGINEERED SOLUTIONS

VERSION	SAFETY VALVE 225 BAR	PRESSURE SENSOR	B-CONTROL PANEL	SWITCH-OVER VALVE	PRESSURE REDUCER	SUITABLE FOR DSF	PART NO
with B-CONTROL panel with 4 connections							
200 bar, 4x, hose connection			•				TBA
300 bar, 4x, hose connection			•				TBA
200/300 bar, 4x, hose connection	•		•		•		TBA
200 bar, 4x, direct connection			•				TBA
300 bar, 4x, direct connection			•				TBA
200/300 bar, 4x, direct connection	•		•		•		TBA
with B-CONTROL panel with 6 connections							
200 bar, 6x, hose connection			•				TBA
300 bar, 6x, hose connection			•				TBA
200/300 bar, 6x, hose connection	•		•		•		TBA
200 bar, 6x, direct connection			•				TBA
300 bar, 6x, direct connection			•				TBA
200/300 bar, 6x, direct connection	•		•		•		TBA
with B-CONTROL panel with 10 connections							
200/300 bar, 10x, direct connection	•		•		•		TBA
without hardwired panel with 4 connections							
200 bar, 4x, hose connection	•	•					TBA
200/300 bar, 4x, hose connection	•	•		•			TBA
without hardwired panel with 6 connections							
200/300 bar, 6x, hose connection	•	•		•			TBA
200/300 bar, 6x, direct connection	•	•		•			TBA
with hardwired panel with 4 connections							
200 bar, 4x, hose connection			•				TBA
300 bar, 4x, hose connection			•				TBA
200 bar, 4x, hose connection	•	•	•				TBA
200/300 bar, 4x, hose connection	•	•	•	•			TBA
200/300 bar, 4x, hose connection	•		•		•		TBA
200 bar, 4x, direct connection			•				TBA
300 bar, 4x, direct connection			•				TBA
200 bar, 4x, direct connection	•	•	•				TBA
200/300 bar, 4x, direct connection	•	•	•	•			TBA
200/300 bar, 4x, direct connection	•		•		•		TBA

ENGINEERED SOLUTIONS

VERSION	SAFETY VALVE 225 BAR	PRESSURE SENSOR	B-CONTROL PANEL	SWITCH-OVER VALVE	PRESSURE REDUCER	SUITABLE FOR DSF	PART NO
with hardwired panel with 6 connections							
200 bar, 6x, hose connection			•				TBA
300 bar, 6x, hose connection			•				TBA
200 bar, 6x, hose connection	•	•	•				TBA
200/300 bar, 6x, hose connection	•	•	•	•			TBA
200/300 bar, 6x, hose connection	•		•		•		TBA
200 bar, 6x, direct connection			•				TBA
300 bar, 6x, direct connection			•				TBA
200 bar, 6x, direct connection	•	•	•				TBA
200/300 bar, 6x, direct connection	•	•	•	•			TBA
200/300 bar, 6x, direct connection	•		•		•		TBA
with hardwired panel with 10 connections							
200/300 bar, 10x, direct connection	•		•		•		TBA
without hardwired panel with 10 connections							
200/300 bar, 10x, direct connection	•				•		TBA

ENGINEERED SOLUTIONS

VERSION	SAFETY VALVE 225 BAR	PRESSURE SENSOR	B-CONTROL PANEL	SWITCH-OVER VALVE	PRESSURE REDUCER	SUITABLE FOR DSF	PART NO
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DRÄGER AIR GUARD 4200/4500/5200/5500

Dräger Air Guard is a compact system constantly monitoring the purity of compressed air. Even with the slightest contamination the Air Guard 4200/4500 or 5500 issues a reliable warning.

Reliable monitoring

- Continuous and fully automated test and monitoring of breathing air
- Automatic alarm if the limits are exceeded
- High precision sensors
- CO₂ measuring range: 0-2,000 ppm
- CO measuring range: 0-100 ppm
- Air Guard 4200: 100-240 V AC
- Air Guard 4500: 120-500 V AC
- Air Guard 5500: 120-500 V AC
- Operating pressure: 10-350 bar

Calibrated version

- Air Guard 4500 and 5500 have an additional flow sensor (logging the sensor value is possible by using a configuration software)
- Air Guard 5500 enables an extended measuring utilising a 3rd sensor such as O₂ or H₂S



Air Guard 4200	6535691	1	531
Air Guard 4500	6535690	1	535
Air Guard 5200	6537131	1	
Air Guard 5500	6537250	1	

DRÄGER PURACON

Digital breathing air monitor with display and sensor to determine the residual water content in mg / m³. Additionally 3 coloured LEDs visually provide the saturation level of the final filter cartridge. Wall mounted independently of the high pressure breathing air compressor. Built-in sensor.

Features and benefits:

- Display unit for wall mounting 120x120x60mm with power cable 1200mm (230V) and plugs and Sensor cable 2000mm, languages en, de, es and adjustable 3-color LED display
- Programmable circuit, Green <20 mg / m³; m³ yellow 20-25 mg / m³; red > 25mg / m³
- Maintenance-free sensor
- Maximum operating pressure 420 bar
- Automatic shutdown of the compressor when the limits are exceeded
- Stainless steel sensor housing (Ø 45x95mm) with G1 / 4 inlet and outlet



PURACON	6564988	1	
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ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER AEROTEST SIMULTAN HP

The Dräger Aerotest Simultan HP is used to determine the quality of the breathing air supplied from a high pressure system (e.g. compressor or compressed gas cylinders).

Tested breathing air

- To determine the quality of the breathing air
- Based on Dräger tubes®
- Detecting and measuring toxic gases
- Quantifying various potential
- individual or simultaneous detection possible

Quick and easy to use

- G 5/8 connection
- Quick check - precise measuring results after 5 minutes

Oil impactor

- tests compressed air for oil aerosols (also synthetic oils)



Dräger Aerotest Simultan HP without Dräger tubes® and oil impactor	6525937	1	535
Dräger Aerotest Simultan HP complete	6525951	1	535

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER AEROTEST NAVY

The Dräger Aerotest Navy is used to determine the quality of the breathing air supplied from a high pressure system (e.g. compressor or compressed gas cylinders).

Tested breathing air

- To determine the quality of the breathing air
- Based on Dräger tubes®
- Detecting and measuring toxic gases
- Quantifying various potential
- individual or simultaneous detection possible
- Oxygen concentration of up to 5 % vol. can be measured

Quick and easy to use

- G 5/8 connection
- Quick check - precise measuring results after 5 minutes



Dräger Aerotest Navy without Dräger tubes®	6525970	1	535
Dräger Aerotest Navy complete	6525960	1	535

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER OXYTEST 2000

Portable O₂ measuring device for measuring the oxygen concentration in breathing air and oxygen/gas mixtures.

For the operation of:

- Mixed gas cylinder filling systems
- Mixed gas boosters

Standard oxygen/gas mixtures required depend on diving depth:

- 60 vol. % O₂ / 40 vol. % N₂
- 50 vol. % O₂ / 50 vol. % N₂
- 40 vol. % O₂ / 60 vol. % N₂
- 32,5 vol. % O₂ / 67,5 vol. % N₂

Quick and easy to use

- Via push-in connector
- X-am 5000 indicates the evaluated oxygen concentration



Dräger OxyTest 2000, G3/4	6906600	1	531
Accessories			
Dräger OxyTest 2000, W21.8 x 11/14	6530922	1	531
Dräger OxyTest 2000, M24x2 Nitrox	6530889	1	531
Dräger OxyTest 2000, CGA-540	6531413	1	531

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER OXYGEN BOOSTER (DOB) 200 / 300

The Dräger Oxygen Booster DOB is a complete oxygen transfer station for filling oxygen from storage cylinders into device cylinders and due to its compact design it only occupies a little space.

Versatile area of application

- Compact in size
- For all operating locations where filling high pressure oxygen cylinder is required
- Comprising filling valves and pressure gauges
- Multiple outlets
- Electrical drive Easy operation
- Ergonomically designed

Nominal pressure: PN 200/300

Max. operating pressure: 220/330

Power supply: 3-phase

Filling connections: 4x PN 200 or PN 300 or 2x PN 200 + 2x PN 300



DOB 200, G3/4 (1x) + M24x2 (3x) PN 200 bar	6533648	1	
DOB 200, M24x2 (4x) PN 200 bar	6559957	1	
DOB 200, G3/4 (4x) PN 200 bar	6526750	1	531
DOB 200, W21.8 (4x) PN 200 bar	6527350	1	531
DOB 200/300, G3/4 (2x) + Oxy-SR (2x) PN 200 bar	6526430	1	531
DOB 300, Oxy-SR (4x) PN 300 bar	6526915	1	

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER OXYGEN BOOSTER DOB-M/T

The Dräger Oxygen Booster DOB-M (mobile version) and the Dräger DOB-T (table version) are compact, portable filling stations which ensure the effective transfer of oxygen up to 300 bar from storage cylinders into device cylinders.

Versatile area of application

- Easy to transport
- For all operating locations where filling high pressure oxygen cylinder is required
- Comprising filling valves and pressure gauges
- Multiple outlets
- Electrical drive Easy operation
- Ergonomically designed

Nominal pressure: PN 200/300

Max. operating pressure: 220/330

Power supply: 3-phase

Filling connections: 4 x PN 200 or 4 x PN 300



DOB-M, G3/4, 4x PN 200 bar	6526900	1	531
DOB-M, W21.8, 4x PN 200 bar	6526802	1	
DOB-T, G3/4, 4x PN 200 bar	6527200	1	
DOB-T, W21.8, 4x PN 200 bar	6527195	1	
DOB-T Niro (NSN/BUND), G3/4, 4x PN 200 bar	6532680	1	
DOB-T, Oxy-SR, 4x PN 300 bar	6530479	1	
DOB-T, G3/4 (1x PN 200 bar) + M24x2 (3x PN 200 bar)	6536607	1	
DOB-T, M24x2, 4x PN 200 bar	6536608	1	

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER OXYGEN BOOSTER (DOB) – HG/HW/HT 200

Small, robust, effective: The mobile Dräger Oxygen Booster DOB-H is a single stage, double-acting piston pump which is essential for all applications where high pressure oxygen must be available in device cylinders irrespective of the available power supply.

Versatile area of application

- Easy to transport and flexible in use
- Purely mechanical, no need to power supply
- Ergonomically designed
- Weight: approx. 50 Kg



DOB-HG, G3/4, PN 200 bar Including aluminium transport case	6530600	1	531
DOB-HT, G3/4, PN 200 bar Including plastic roll-up case	6531300	1	531
DOB-HW, G3/4, PN 200, wall mounted version	6531000	1	

Note: No Hose Is Included.

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER OXYGEN BOOSTER DOB-200-ECO

The Dräger Oxygen Booster DOB is a very compact size oxygen transfer station for filling oxygen cylinders from storage cylinders.

Features and benefits:

- Versatile area of application
- Compact in size
- For all operating locations where filling high pressure oxygen cylinder is required
- Comprising filling valves and pressure gauges
- Multiple outlets
- Electrical drive Easy operation
- Ergonomically designed

Nominal pressure: PN 200/300. Max. operating pressure: 220/330

Power supply: single phase. Filling connections: 4x PN 200
(refer to the filling panels)



DOB 200 (G 3/4) ECO	6903800	1	531
Filling Panels			
Filling panel O ₂ PS220 G3/4a-G3/4i(4x)	6905280	1	531
Filling panel O ₂ PS220 G3/4a-CGA540i(4x)	6905281	1	
Filling panel O ₂ PS220 G3/4a-W21.8xi(4x)	6905282	1	
Filling panel O ₂ PS220 G3/4a-M24x2i(4x)	6905283	1	
Filling panel O ₂ PS220 G3/4a-M26x2a(4x)	6905284	1	
Filling panel O ₂ PS220 G3/4a-BS341No3i(4x)	6905343	1	
Hoses			
Hose O ₂ PS220 1.5m G3/4-G3/4i	6530017	1	593
Hose O ₂ PS220 1.5m CGA540-G3/4i	6568198	1	531
Hose O ₂ PS220 1.5m W21.8xi-G3/4i	6568201	1	
Hose O ₂ PS220 1.5m M24x2i-G3/4i	6568204	1	
Hose O ₂ PS220 1.5m M26x2a-G3/4i	6568207	1	
Hose O ₂ PS220 1.5m BS341No3-G3/4i	6568199	1	531
Hose O ₂ PS220 3m G3/4i-G3/4i	6568196	1	531
Hose O ₂ PS220 3m CGA540i-G3/4i	6568255	1	531
Hose O ₂ PS220 3m W21.8xi-G3/4i	6568202	1	
Hose O ₂ PS220 3m M24x2i-G3/4i	6568205	1	
Hose O ₂ PS220 3m M26x2a-G3/4i	6568208	1	
Hose O ₂ PS220 3m BS341No3-G3/4i	6568256	1	531
Hose O ₂ PS220 5m G3/4i-G3/4i	6568197	1	531
Hose O ₂ PS220 5m CGA540i-G3/4i	6568200	1	
Hose O ₂ PS220 5m W21.8xi-G3/4i	6568203	1	
Hose O ₂ PS220 5m W21.8xi-G3/4i	6568206	1	
Hose O ₂ PS220 5m M24x2i-G3/4i	6568209	1	
Hose O ₂ PS220 5m M26x2a-G3/4i	6568257	1	

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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MASTERLINE OXYGEN BOOSTER PUMP**Features and benefits:**

- Two cylinder booster
- Manifold with four (4) oxygen adapters
- Inlet and outlet pressure gauges with 100mm diameter
- Single phase 240V electric motor and starter
- Discharge pressure switch
- Hours meter
- Skid base with canopy



Masterline Booster Pump with manifold	3550211	1	531
Masterline Booster Pump without manifold	3550215	1	531
Pin index yoke connector	3501470	1	531
Filling Connector W21.8 1/4" NPT	3505551	1	531

DRÄGER AIR-BOOSTER (DAB) – T

The Dräger Air-Booster DAB-T (table version) is a compact and portable transfer station for transferring breathable compressed air and nitrogen. The basic device is the Oxygen Booster DOB-T which has been modified for breathing air.

Features and benefits:

- Electrical drive
- Ergonomically designed
- Simultaneously can fill multiple cylinders
- Compact in size with carrying handles



DAB-T, G5/8, 4x PN 200 bar	6530505	1	
DAB-T Navy, 4x PN 200 bar	6532770	1	
DAB - T Niro, G5/8, 4x PN 200 bar	6532690	1	

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CO₂ ABSORPTION CARTRIDGES

The CO₂ absorption cartridge is packed in a transparent plastic container and can be used for different CO₂ absorption systems/applications.

- Filled with DrägerSorb 400 S (4.7 Kg)
- Optimised packing density
- High abrasion resistance
- Large active inner surface



CO2 absorption cartridge	CH16720	1	531
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DRÄGER SODA LIME DIVESORB® S DRUM

DiveSorb® S in a drum for filling CO₂ absorption systems and soda lime cartridges.



Soda lime DiveSorb® S drum (138 kg)	6532367	1	
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ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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OXYGEN GENERATORS

The chemical oxygen generator can be used for standard and emergency oxygen supplies.

- Can be used for oxygen supply in confined spaces.
- Supplies 80 to 1500 litres medical pure oxygen (depending on the size)

Use:

- Pulling the safety pin triggers, the priming device and oxygen production begins.
- Once started, it cannot be interrupted.



Oxygen generator 80 L	6530390	1
Oxygen generator 160 L	6530510	1
Oxygen generator 250 L	6530511	1
Oxygen generator 300 L	6530512	1
Oxygen generator 1500 L	6535400	1

SODALIME CURTAIN

SodaLime Curtain, for use in confined spaces to reduce the CO₂ contents in the atmosphere without a power supply.

- Easy to use
- Special fabric from GRP and PVC; breathable and water-repellent
- Reusable for several times
- Soda lime DrägerSorb® 400 S
- High CO₂ absorption capacity
- Low dust development due to high abrasion resistance
- Increase of absorption performance possible by increasing the relative humidity



Two SodaLime curtains Incl. 18 kg soda lime	6902499	1
Replacement SodaLime curtain	6531801	1

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER FILTER PROTECTION SYSTEM VS-2

The Dräger VS-2 filter protection system offers protection against irritant gases (CN/CS) as well as solid, liquid and gaseous contamination in the breathing air. The outside air is cleaned through a 3-stage filter system and directed into the sealed room. In addition, the system creates a protective positive pressure in the room.

Features and benefits:

- Can be installed in any position
- Stainless Steel housing
- Suitable for external use
- Compact and ready to be connected to the system
- Maintenance free fan
- Adjustable air volume
- Quick filter replacement without tools
- Selection of activated carbon filters for different applications



Filter system VS-2	6526500	1	531
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ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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NITROX COMPRESSORS

Features and benefits:

- 260-450 L/min, 225 bar
- For the Compression of Oxygen-Enriched Breathing Air up to 40 % O₂
- Super silent cabinet (as option)
- 3-phase



V12.14-OX-5.5-5 (260 L/min), mixing panel + high pressure module	TBA	1
Mariner OX-320-E (320 L/min) - mobile unit with blending system	TBA	1
V12.14-OX-7.5-5 (320 L/min), mixing panel + high pressure module	TBA	1
V15.1-OX-11-5 (450 L/min), mixing panel + high pressure module	TBA	1
Additional components (prices only valid in conjunction with compressor order)		
Super silent cabinet for stationary units		1
Intermediate pressure gauges		1
Condensate collecting tank 40L		1
Separator after 1st stage		1
SECURUS		1
Filling device for stationary units (4x PN200 bar)		1
Safety filling system B-SAFE 300-OX		1



ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER NITROX NAVY GAS MIXING UNIT

The Dräger Nitrox Navy 200 is a manually operated unit for mixing and filling of nitrox gases consisting of oxygen (up to 200 bar) and breathing air (200 bar).

Functions of the Dräger Nitrox 200 Navy:

- Supply: medical oxygen and high pressure breathing air
- Filling diving cylinders with oxygen or air
- For filling Nitrox cylinders up to 12L / 200 bar
- Large Nitrox cylinders can be filled by using a fill hose



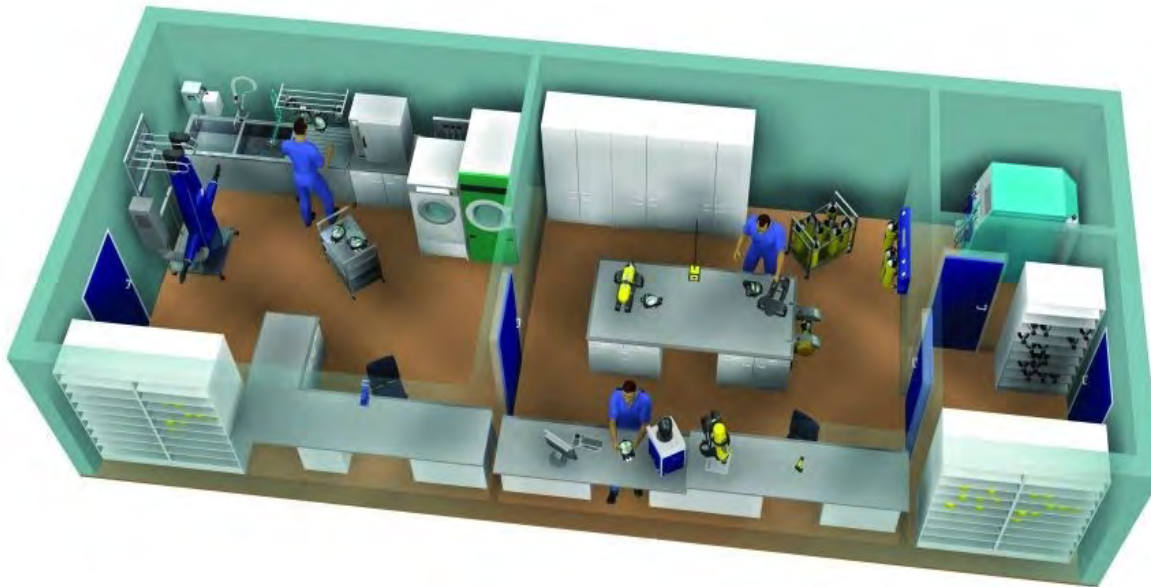
Dräger Nitrox 200 Navy

6530021

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DRÄGER WORKSHOP SYSTEMS

In addition to standard products Dräger offer workshop systems designed to your individual requirements ensuring efficient workflow, great care and servicing the equipment.



ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER MASK DRYING CABINET MTS

For drying respiratory protective masks and components.

Features and benefits:

- Stainless steel housing
- Insulated drying cabinet
- High-performance radial fan for short drying periods
- Simple loading due to removable baskets
- Drip basin to collect residual moisture
- Low maintenance

**Desktop versions**

MTS 2, 2 baskets, for approx. 12 masks	6573050	1	487
MTS 4, 4 baskets, for approx. 24 masks	6573051	1	487
MTS 6, 6 baskets, for approx. 36 masks	6573052	1	487

Standalone versions

MTS 8 SM, 8 baskets, for approx. 72 masks	6573053	1	487
MTS 10 SM, 10 baskets, for approx. 90 masks	6573054	1	487

DRÄGER HOSE DRYING SYSTEM

Specially designed for drying components of closed-circuit breathing apparatuses, breathing bag, breathing air cooler, corrugated hose and refill cartridge.

Features and benefits:

- stainless steel housing
- high-performance radial fan for short drying periods
- easy to use
- low maintenance



Hose drying System SAT 6 with 12 connections for simultaneous drying of components of 3 closed-circuit breathing apparatuses	6570185	1	
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Accessories required

Adaptor for breathing bag	R34623	1	
Adaptor for breathing cooler	R34624	1	
Adaptor for breathing corrugated hose	R34625	1	
Adaptor for breathing cartridge	R34626	1	

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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BG4 DRYING SYSTEM**Features and benefits:**

- Drying cabinet for quick and efficient drying of respiratory equipment like masks or BG4 parts
- Easy installation - connects to standard power outlets, a vent connection removes heated air
- Economic - double wall stainless steel construction with an insulated cavity, combined with doubled glazed doors
- Heating is discontinued when doors are open
- Hygienic - a washable filter removes fluff, lint, dust, etc.
- Meets AS2774 (Drying Cabinets for respiratory equipment)
Electrical Safety CS071150V



Drying Cabinet - BG4 Edition	3501720	1	487
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DRÄGER COMBICLEAN 130/180/250/340

The Dräger Combiclean product family is specially designed for the requirements of fire brigades.

Washing machines for masks, chemical protection suits and firefighter clothes, also made of Nomex® or Kermel®

Features and benefits:





- Compass Control® micro-processor control with maximum of 40 standard programs, optionally 10 other programs
- Dräger washing program for respiratory protective masks
- Washing programs for firefighter clothes also made of Nomex® and Kermel®
- Electronic temperature control for safe disinfecting
- Economic due to low operating costs, extreme durability and reliability
- Normal speed machines w/ g-factor 100, high-speed machines w/ g-factor 300-425
- Electrical heating
- Electric connection 400 V, 3n, ac 50Hz (other voltages on request)
- Correct spinning force due to dynamic balancing system tm

**CombiClean normal speed**

CombiClean 130, 13x masks, 1x CPS, 3x jackets, 14 Kg cloth	7904016	1
CombiClean 180, 18x masks, 1x CPS, 3x jackets, 20 Kg cloth	7904000	1
CombiClean 250, 25x masks, 2x CPS, 7x jackets, 28 Kg cloth	7904023	1
CombiClean 340, 33x masks, 3x CPS, 9x jackets, 34 Kg cloth	7904001	1

Base is available as accessory.

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
CombiClean high speed			
CombiClean 55, 5x masks, 6 Kg cloth	7904007	1	
CombiClean 55 LP with lye pump, 5x masks, 6 Kg cloth	7904006	1	
CombiClean 65, 6x masks, 1x jackets, 7 Kg cloth	7904003	1	
CombiClean 75, 8x masks, 2x jackets, 8 Kg cloth	7904030	1	
CombiClean 105, 10x masks, 3x jackets, 11 Kg cloth	7904008	1	
CombiClean 135, 13x masks, 1x CPS, 4x jackets, 14 Kg cloth	7904012	1	
CombiClean 185, 18x masks, 1x CPS, 5x jackets, 20 Kg cloth	7904017	1	
CombiClean 245, 24x masks, 2x CPS, 6x jackets, 27 Kg cloth	7904022	1	
Base is available as accessory.			
Accessories			
Set of three dosage pumps for liquid detergents with suction lances		7904019	1
Washing bag - reversible colour showing masks status (to be washed/ready for use) - Straps with stopper on both sides of the bag - made of polyester/cotton Dimensions: L360 x W340 mm		7904013	1 978
Washing bag for masks, optimal protection, high quality Tecafort® material, orange		7904011	1
Washing bag for breathing apparatus frame - reversible bag: colour shows mask status (to be washed / ready for use) - straps with stopper on both sides of the bag - made of polyester / cotton Dimensions: L800 x W550 mm		6570184	1 978
Visor protection bag for CPS - Optimal protection due to increased lining - High-quality Tecafort® material, orange Dimensions: L560 x W450 mm		6570003	1 978
Protective foil		TBA	1
Pad for helmet		TBA	1
Visior		TBA	1

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER COMBIDRY

The CombiDry product family is specially designed for the requirements of fire brigades. Tumble dryer for drying of firefighter's clothing and for treatment after impregnating.

Features and benefits:

- Selectra Control® microprocessor control with 5 to 9 customized programs for any type of drying
- Compass Control® microprocessor control (for CD 130/190)
- with drum reversing mode (right-hand, left-hand rotation)
 - drum made of stainless steel
- large self-cleaning lint sieve for easy maintenance

Special Designs:

- Residual moisture control RMC
- Additional equipment for drying of masks (CD 290 / CD 530)

**CombiDry**

CombiDry 130, 1x jacket, 7 kg cloth	7904009	1
CombiDry 190, 2x jackets, 16 kg cloth	7904014	1
CombiDry 290, 20x masks, 3x jacket, 16 kg cloth	7904015	1
Application for CombiDryer 290	6901960	1
CombiDry 350, 4x jacket, 19 kg cloth	7904035	1
CombiDry 550, 35x masks, 6x jacket, 29 kg cloth	7904050	1
Application for CombiDryer 550	6901961	1
CombiDry 650, 8x jacket, 36 kg cloth	7904075	1

**CombiPac - ready to use system**

CombiPac I - comprising CombiClean 130, CombiDry 290, dosing pump	7904010	1
CombiPac II - comprising CombiClean 250, CombiDry 550, dosing pump	7904020	1
CombiPac III - comprising CombiClean 135, CombiDry 290, dosing pump	6570175	1
CombiPac IV - comprising CombiClean 245, CombiDry 550, dosing pump	6570176	1

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER MFC 7000

The Dräger MFC 7000 is the fully automatic solution for preparation respiratory protective equipment and chemical protective suits after use. In a single operation, used equipment is safely cleaned, disinfected and dried in the multi-function cabin, protecting the material. Thus, the personal protective equipment (PPE) is ready for use again within a very short time.

Features and benefits:

- Fully automatic preparation in one operation.
- Reliable result and safe process.
- Simple operation and high throughput for optimum workflows.
- Black and white principle for a clean respiratory protection workshop.
- Flexible use.
- Rack trolley for fully automatic cleaning, disinfection and drying of PPE.
- Energy-efficient and cost-effective in operation.
- Free water outlet.



Dräger MFC 7000 single cabin	1
Hot water inlet (optional)	1
Softening system (optional)	1
Entry ramp (optional)	1
Second door for black-and-white separation (optional)	
CSA rack On request	1
Mask rack On request	1

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER FURNISHING PROGRAMS FOR WORKSHOPS

Equipment for the safe transport of compressed air cylinders, respiratory and personal protective equipment. Cylinder and transport trolleys available in various variants.

Features and benefits:

- Made of Stainless Steel
- Corners protective by impact protection covers made of plastic
- 4 steering rollers for improved manoeuvring in Confined space, 2 steering rollers with brakes
- Special designs available

**Cylinder Trolley - powder coated**

Cylinder Trolley for 15x 6L composite cylinders
2 welded grates
4 Swivel castors (2 are lockable)
1 chipboard, 19 mm, melamine



TBA 1

Cylinder Trolley for 24x 4L composite cylinders

TBA 1

Cylinder Trolley for 24x 4L composite cylinders

TBA 1

Cylinder Trolley - Stainless Steel

Cylinder Trolley FW-1
for 12x 6.8L/300 bar cylinders, aperture width 160mm



6570163 1 487

Cylinder Trolley FW-2

6570164 1

Cylinder Trolley FW-3

6570165 1

Cylinder Trolley FW-4

6570166 1 487

Cylinder Trolley FW-5

6570167 1 487

Cylinder Trolley FW-6

6570168 1

Cylinder Trolley FW-7
for 9 lying cylinders diameter 100mm and 4 standing cylinders diameter 200mm



TBA 1









Transport Trolley - powder coated

1x cover plate
2 Inclined boards with an upstand at the back
4 swivel castors (2 are lockable)





TBA 1

ENGINEERED SOLUTIONS

PRODUCT		PART NO	PACKAGING UNIT	PRODUCT GROUP
Transport trolley for chemical protection suits 1 plastic tub, capacity 200 l 4 swivel castors (2 are lockable)		TBA	1	
Transport trolley Stainless Steel TW1, 3 even trays		6570170	1	487
Transport trolley Stainless Steel TW2, 1 board, 2 sloped trays		6570171	1	
Transport trolley Stainless Steel TW5 to accommodate 12 baskets, with drip tub		TBA	1	
Transport trolley Stainless Steel TW6, 1 descending horizontal bars, with drip tub		TBA	1	
Transport trolley Stainless Steel TW7, 1 board		TBA	1	
Transport trolley Stainless Steel TW8, 1 even tray		TBA	1	
Plastic support for cylinder trolley - 5 strips for 6.8L composite cylinders		TBA	1	
Drip unit for 20 masks 2 wall brackets 5 different S-hooks per bar		TBA	1	
Drip rack for 2 CPS baseplate with 4 boreholes for fixing 2 pairs of parallel elbow pipes for CPS shoes		TBA	1	
Vice Clamping jaws with a width of 120mm Spindle clamping width 150mm forged parallel jaw vice		TBA	1	
Clamping device for breathing air cylinders Operating pressure 1-6 bar Zinc-plated 15.5 kg		6573055	1	487
Mechanical clamping device for mechanically holding BA cylinders		TBA		
Compressed air distributor with 7 swivelling coupling (self-venting) for connecting max. 7 lung demand valves Including connection hoses and mounting material		6570084		487

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Rack for all compressed air and closed-circuit breathing apparatus to hang the unit for testing	TBA		
Shower set with double hole-deck mounted faucet 1/2" or 3/4" wall mounted Standpipe made of Stainless Steel, Stainless Steel hose Self shutting shower head with recoil and pull out spray spout			TBA
Wall mounted dispenser for cleaning, disinfecting and care of the hands			TBA

DOSAGE UNIT

Microprocessor controlled dosage unit for precise production of aqueous disinfectant solutions. The dosage unit DG 1 is an admixing device for disinfectants. Due to its precise dosage performances and safety-related equipment it is especially suitable for the operation at fire brigades.

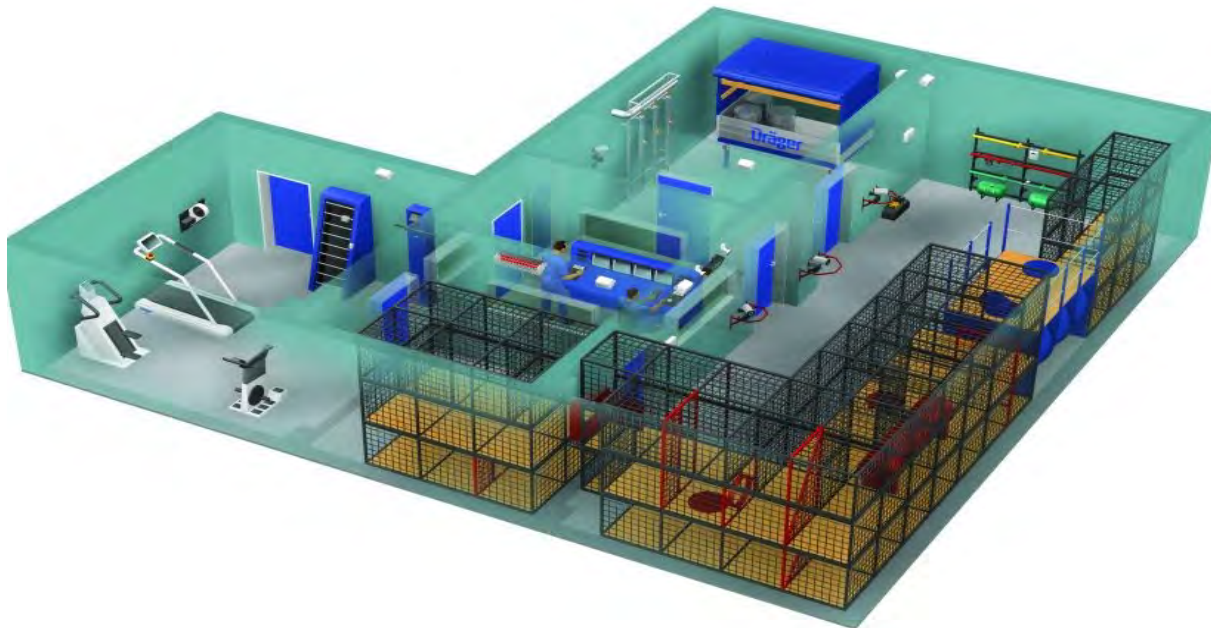


Dosage Unit DG1	6570187	1	487
Helios™ Stainless Steel Care Detergent	7904069	1	
Chromol™ Stainless Steel Care Product	7904070	1	

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER TRAINING GALLERY SYSTEMS



IMPACT DEVICE

During training, a weight will be raised and lowered over a rope pulley. Work done per stroke: 22 kg, with strong aluminium pulley mounted on ball bearings and 6 mm thick galvanized steel rope. The length of the pulley is 1 meter. A special guide stops the rope from coming off the pulley if it is not pulled straight. The neatly shaped plastic grip bar with two guard rings is 1.85 m above the floor and can thus also be reached by persons of smaller stature. A green light indicates the start and end of the exercise. A white light indicates whether the exercise has been carried out properly and evaluated. Contact-free scanning of the weight in both end positions ensures that only full strokes are counted. Impacts at the end positions are damped by flexible rubber elements.

Features and benefits:

- Permanent display of the number of predetermined strokes
- Continuously counting of performed strokes on a large digital display.
- Automatic shutdown with acoustic signal after reaching the desired stroke



Impact device

6573033

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ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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TREAD MILL "OEM VALIANT"

This treadmill lends itself especially for use in rooms due to the low height of the running surface. The unit comprises an emergency stop-function. Heavy duty design and specially programmed such as pulse-automatic, (individual programs can be defined).

Features and benefits:

- Low maintenance
- Low operating cost thanks to low energy consumption
- Sockless belt
- User defined programs
- Low space requirements
- Multifunctional touch screen operation
- Speed 0.5 to 20 km/h
- Continuously adjustable Incline 0-25%



OEM Valiant

TBA

1

ENDLESS LADDER

The ladder is one of the best proven training aids. It has already been used in training facilities for miners and fire brigades since the beginning of the century. The vertical tread mill follows this concept. In renowned Dräger quality, this central component facilitates training in most realistic manner. Thanks to its automatic start-stop and a gentle drive, the trainee always remains at the right position. Its velocity is infinitely adjustable within the range of 3 to 25 m/min. Compared to a "normal" ladder, it is of extremely compact design so that it can be installed at almost any place. Without readjustment of the counter mechanism or the rise velocity it enables several trainees in succession to perform their exercise under absolutely identical conditions.

Features and benefits:

- Virtually wear-resistant and extremely soft self-braking motor
- Sturdy construction
- Electronic measurement of climbed height
- Automatic switch off
- Adjustable velocity



Endless ladder

6573032

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ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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ARM ERGOMETER F33

The F33 is usable as an arm ergometer while standing or sitting. Thanks to the compact design it is really versatile.

The application area can be that of normal ergometer or special tasks, for which conventional ergometer cannot be used.

As standard accessory a workload programmer is included in the delivery. This offers the possibility to program the ergometer programs and to monitor some of the parameters on the LCD. Interfaces provide the communication with other external devices.

Features and benefits:

- Manual crank set instead of pedals
- Pedal alarm adjustment
- Speed display
- Wall mounting
- Sport pedals



F33

6573034

1

BICYCLE DYNAVIT CON 33

The Dräger Dynavit Con 33 provides an ideal cardiovascular training. The programme storage contains 4 pre-installed training programmes and an automatic programme with pulse rate controlled power modulation. The modulation runs completely autonomously and based upon the predetermined training goal pulse. The Dräger Dynavit Con 33 features as standard an automatic torque switch-off which reduces the resistance in case of overload. This prohibits injuries and overloading of the active and passive musculoskeletal systems.

Features and benefits:

- Low maintenance
- Low operating cost thanks to low energy consumption
- Individual training programs
- Minimal space requirements
- Display parameters



Con 33

6573077

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ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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OBSTACLE ELEMENTS

In order to be well prepared for a mission, the fire training systems have to provide challenges close to reality for the participants. For this, different Obstacle elements are integrated in training galleries. They enable the training of different situations, e.g. opening of doors, teamwork during the passage through small tubes as well as crawling and climbing over objects while wearing personal protection equipment. The dimensions of the elements can be individually adapted to the requirements of the facility.

Passage

Aluminium profile with hinges
L x W: 1000 x 1000mm, Ø 600 mm



TBA 1

Casement fastener door
coated with plastic
H x W: 1000 x 1000 mm



TBA 1

Running course

Vertical halved running course
H x W: 2000 x 1000 mm
Diagonally divided running course
H x W: 2000 x 1000 mm



TBA

Crawling course

H x W: 1000 x 1000 mm
Diagonally divided
Divided below/above
Divided right/left



TBA

Crawling tube, plastic
Diameter: 600 x 2000mm



TBA

Manhole, plastic coated
H x W: 1000 x 1000 mm, Ø 600 mm



TBA

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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HAND-HELD FIRE EXTINGUISHER TRAINER (TUTOR)

Safe fire simulation tray made of Stainless Steel with water bath. The system is supplied with electric power from a gel battery and can be controlled from a safe distance using a hand-held remote switch or control. The unit's technical installation are secured in a separate compartment. Two wheels and strong handles guarantee mobility.



Fire Extinguisher Training Tub (Canadian Version, more Common in Australia)	4099900	1	488
Fire Extinguisher Training Tub with automatic extinguishing success monitoring (German Version)	6576148	1	
Shipping Case Cart for Canadian Version	4099910	1	488
PROPS (Canadian Version)			
Range/Stove Top Prop	4099903	1	488
Flammable Storage Locker	4099904	1	488
Waste Basket Prop	4099901	1	488
Electric Motor Prop	4099902	1	
PROPS (German Version)			
Firewood pile of stainless steel, 80x50x20 cm	6576149	1	
Shelf of stainless steel, 90x90x20 cm	6576150	1	
Electric motor of stainless steel, 75x30x35 cm	6576151	1	
Electric control cabinet of stainless steel, 60x50x20 cm	6576152	1	
Waste paper basket of stainless steel, 60x40x35 cm	6576153	1	
Passive dummies			
Monitor made of Stainless Steel, 50x30x40 cm	6576154	1	
Cooker fire (grease explosion in pan) made of Stainless Steel, 40x40x20 cm	6576155	1	

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SYSTEM 64 MOBILE PROPANE-FUELLED FIRE SIMULATOR

Features and benefits:

- 6 ft. x 4 ft. Burn pan
- Various props available
- Semi-portable, can be carried by two men
- Propane fuelled system, liquid for burners, vapour for pilot
- Auxiliary connection to provide fire for props
- Control Panel with wheels
- Trailer option to provide a fully transportable solution
- Training options for operation and for train-the-trainer



System 64 with burn pan, valve box, hose cover and controller	3505614	1
PROPS		
Car Prop	4094812	1
Propane Tank Prop	4094813	1
Dumpster Prop	4094814	1
BBQ	4094815	1
Motor Prop	TBA	1

The above prices are based on air freight. Due to the excessive weight, air freight cost is significant. Sea freight can also be used which decreases the cost considerably but extends the lead-time by 6 weeks.

FIRE EXTINGUISHER SIMULATORS

Models of commercially available hand-held fire extinguishers that are supplied with compressed air and water via hoses. Refilling of the extinguishing capacity is initiated at the push of a button via the remote control of the compressor. Innovative spray nozzle technology permits the simulation of realistic extinguisher's spray patterns.



Water extinguisher Type Total W9	6576156	1
Halon extinguisher Type Total 1,2 kg	6576157	1
Foam extinguisher Total Type SG 6 kg	6576158	1
Powder extinguisher Type Total Gy 12D	6576159	1
CO2 extinguisher Type Total K2	6576160	1

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FOGSTAR

the Fogstar is a high output fog generator which is primary used in stationary respiratory protection facilities. The 2500 watts fog machine enables the fast production of large amounts of fog. Using non-polluting fog fluid (DW special), it is possible to reach an output of up to 2600 cbm/min. Within a range of 10 m contrast-weak objects are not to be recognized, black-and-white contrasts are to min. 50% masked. The same fog amount produces e.g. in a room with 500 m³ volume within 1 min. a visibility range of max. 2 m with 100% masking of high-contrast objects.

Features and benefits:

- Internal tank 5L, connection capability for any external tank i.e.25L
- Remote control port (6-pole XLR) available, control from panel possible



Fogstar	6573042	1	488
Fog liquid DW special 25 L (only for Fogstar)	6573043	1	993

FIRE TRAINER 201 KIT

The trainer 201 is a mid-sized, portable smoke machine with enhanced output to provide a continuous flow of dry dense smoke. Water resistant, zinktech coded topcover, the 201 uses a multifunctional remote for easy command access and provides an economical solution. Suited for a wide variety of applications, the 201 is extremely quick to heat up, meaning greater control of smoke when required.



Fire Trainer 201 kit	3502711	1	
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ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FIRE FOG 3000

The Fire Fog 3000 is a high output fog generator which is primarily used in stationary respiratory protection facilities. The fog machine is made of robust material and provides a uniform distribution of the fog in the room via the 1800 W heating element. Using non-polluting fog fluid (ATÜ special), it is possible to reach an output of up to 1200 cbm/min. This results in a vision of 0.3-0.5 meter for a fog pressure of over 20 meters. Optionally, the control via a radio remote control with timer function is possible, which also offers ip64 protection.

Features and benefits:

- Internal tank 5L
- Robust housing 1.5mm Galvanised Steel
- 2500 W heating element for 1200 m³/min fog volume
- Fog fluid ATU Special must be used



Fire Fog 3000	6573040	1	
ATU Special 25 L	6573041	1	993

HOT FOG 1700

The hot fog 1700 is a high output smoke generator which is primarily used in fire training galleries. It generates smoke which is not a danger to the health of the participants, which is temperature resistant over 200 degrees and can also be applied in hot smoke trainings and simulations. The 1700 W heating element offers a uniform distribution of the smoke in the room. The Hot Fog 1700 does not need a compressed air cylinder and still reaches a high smoke power of approx. 700 m³/min. A radio remote control with timer and interval function that can be controlled via DMX is included in the scope of delivery and offers a user-friendly control of the smoke generator.

Features and benefits:

- Can be used in high temperatures
- Low operational cost
- Smoke fluid Hot Fog must be used
- 1700 W heating element for 700 m³/min fog volume
- Additional compressed air is not required



Hot Fog 1700	6573044	1	
Hot Fog 20 L	6573045	1	993

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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TRUCK RESCUE TRAINER TRT-7000

Features and benefits:

- Various replaceable parts for cutting and destroying
- Different type of leaks and tanks
- Smoke generation
- Transportable
- Configurable
- Different training scenarios



Truck Rescue Trainer TRT-7000

TBA

1

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER FIRE TRAINING SYSTEMS**AIRCRAFT FIRE SIMULATOR AFS-3000****Features and benefits:**

- 4 Different fire scenarios
- Propane gas fired
- Easy to use, radio controlled
- Transportable
- Upgradeable (module for internal fires)
- No need for civil works
- Short delivery time
- Low-budget solution



AFS 3000

TBA

1

20' FIRE TRAINING CONTAINER (GAS FIRED)**Features and benefits:**

- 1 Fire compartment, 2 fire scenarios (one standard fire point plus flashover fire)
- LPG fired
- Easy operation
- Configurable with accessories and add-ons
- Safe training for low budget
- Short setup times
- No civil works required
- Fire resistant door
- Ventilation Fan
- Temperature control
- Gas detector
- Handheld controller



20' Fire Training Container (gas fired)

TBA

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ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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20' FIRE TRAINING CONTAINER (GAS FIRED)**Features and benefits:**

- 1 Fire compartment, 2 fire scenarios
- Control room with window to the training compartment
- LPG fired
- Easy operation
- Configurable with accessories and add-ons
- Safe training for low budget
- Configuration according to budget possible
- Short setup times
- No civil works required



20' Fire Training Container (gas fired)

TBA

1

Price is indicative.

40' FIRE TRAINING CONTAINER (GAS FIRED)**Features and benefits:**

- Two Fire compartments, 4 fire scenarios
- Control room with window to the training compartment
- LPG fired
- Easy operation
- Configurable with accessories and add-ons
- Safe training for low budget
- Configuration according to budget possible
- Short setup times
- No civil works required
- Fire resistant door
- Ventilation Fan
- Temperature control
- Gas detector



20' Fire Training Container (gas fired)

TBA

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ENGINEERED SOLUTIONS

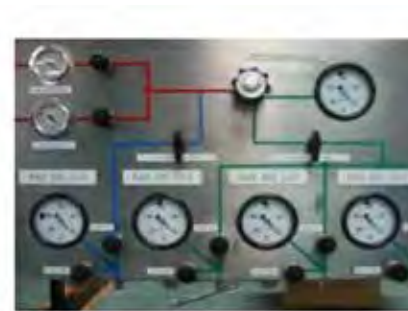
PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CUSTOM MADE FILL PANELS

Dräger offer custom-made fill panels to suit customers' requirements

Features and benefits:

- Stainless Steel or Mild Steel painted panels
- Stainless Steel tubes and connectors
- Safety Pattern style pressure gauges complying with AS standard
- Multiple inlets and fill pressures can be supplied



Fill panel 2 inlets, 2x PN200 bar + 2x PN 300 bar	3502053	1	
Fill Panel 2 inlets, 1x PN200 bar + 3x PN 300 bar	3502004	1	
Fill Panel 2 inlets, 3x PN 200 bar + 3x PN 300 bar, 2x Pressure regulators	3502440	1	531
Fill Panel 3 inlets, 4x PN 200 bar or 300 bar	TBA	1	
Fill panel 4 inlets, 3 PN 200 bar + 3x PN 300 bar, 2x sequence valves	3501735	1	

Available with Quick Connect couplings upon request, Ultra simple quick filling connectors. Just snap on snap off in seconds.



Quick Connector 300 Filling Hose(N30119)	3505554	1	
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Quick Connector 200 Filling Hose(N30578)	3505662	1	
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Other configurations available on request

Lead-time: 8 weeks

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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AIR STORAGE BANKS

Features and benefits:

- Comprising G-size (50L, 350 bar) cylinders
- Type 62 valves (compliant with AS standard)
- Galvanised frame with forklift pockets around
- Stainless Steel piping
- Fill panel can also be mounted on the frame
- Instead of frame, wall mounting rack can also be supplied



4x G-size cylinders air storage bank with frame and fill panel 2x PN 300 bar	3502925	1	531
4x G-size cylinders air storage bank with frame	TBA	1	
6x G-size cylinders air storage bank with frame	TBA	1	
9x G-size cylinders air storage bank with frame	TBA	1	
12x G-size cylinders air storage bank with frame	TBA	1	
16x G-size cylinders air storage bank with frame	TBA	1	
2x G-size cylinders air storage with wall mounting rack	TBA	1	
3x G-size cylinders air storage with wall mounting rack	TBA	1	
4x G-size cylinders air storage with wall mounting rack	TBA	1	
6x G-size cylinders air storage with wall mounting rack	TBA	1	

Other configurations available on request

Lead-time: 8 weeks

1x G-size cylinder 50L steel (Individual cylinder / includes Type 62 valve)	3559199	1	531
FS HD Base packaging for G size cyl (Special Packaging up to 6 cylinders)	3505429	1	531

G size cylinders prices are Ex works Melbourne

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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QUICKFILL STATION D100

Features and benefits:

- 30x G-size cylinders distributed into 5 partitions
- 6 outlets
- Pre-set sequence valves
(Designed and manufactured exclusively for Dräger)
- Purge valve added to fill panel
- Easy to service panel (Panel can slide out)
- 5-stage cascade fill panel
- Safety pattern style gauges
- Stainless Steel fittings and tubes
- With QDS
- Increased fill capacity, 100 fills @ 345 bar
- Improved fill time over D8000



QFS D100 QDS	3505225	1	531
D100 Manifold Assembly	3505224	1	999
D100 CRADLE QDS (CRADLE ONLY)	3505223	1	999

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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QUICKFILL STATION D8000

Features and benefits:

- 25x G-size cylinders distributed into 5 partitions
- 6 outlets
- Pre-set sequence valves
(Designed and manufactured exclusively for Dräger)
- Purge valve added to fill panel
- Easy to service panel (Panel can slide out)
- 5-stage cascade fill panel
- Safety pattern style gauges
- Stainless Steel fittings and tubes
- With QDS and without QDS versions
- Increased fill capacity, 80 fills @ 345 bar and 90 fills @ 355 bar
- Improved fill time over D7000



QFS D8000	3502992	1	
QFS D8000 QDS	3502994	1	531

Upgrade options

Upgrade Kit C40 to D8000 Panel Including:

- Stainless Steel manifold for 20x G-size cylinders	3503305	1	531
- D8000 Fill Panel			

Upgrade Kit C40 QFS to D8000 QFS Including:

- Stainless Steel manifold for 20x G-size cylinders	3502990	1	
- D8000 Fill Panel			
- Modification of cradle to accommodate 5 extra 50 L cylinders			

Upgrade Panel Useries to D-8000	3503445	1	533
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D8000 Swapover Fill Panel (Available as part of the swapover program only)	3505459	1	534
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D8000 Swapover Fill Panel Short (Available as part of the swapover program only). (The Upgraded panel U40 to D8000).	3505454	1	534
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Other upgrade options available on request

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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QUICKFILL STATION D7000

Features and benefits:

- 20x G-size cylinders distributed into 5 partitions
- Safety pattern style gauges
- Stainless Steel fittings and tubes
- With QDS and without QDS versions
- Optimised fill time
- Increased fill capacity
- 60x Fills (9L BA cylinders from 60 to 300 bar)
- 5 stage cascade fill panel



QFS D7000 with beer taps without QDS	3501871	1	531
QFS D7000 without beer taps and QDS	3503100	1	
QFS D7000 with beer taps and QDS	3501782	1	531
QFS D7000 without beer taps with QDS	3502786	1	

Upgrade options

Upgrade Kit C40 to D7000 panel with beer taps	3501870	1	
Upgrade Kit C40 to D7000 panel without beer taps	TBA	1	
Upgrade Kit C20 to D7000 panel with beer taps (Including additional G-size cylinders)	3501924	1	
Upgrade Kit C20 to D7000 panel without beer taps	TBA	1	
Upgrade manifold Stauff to Swagelok	3502107	1	
10 Yearly Upgrade Kit C40 to D7000	3503026	1	
D7000 5 yearly swapover panel without repaint and hoses	3505672	1	

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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U40 QUICKFILL STATION

Features and benefits:

- 30x G-size cylinders distributed into 4 partitions
- Stainless Steel fittings and tubes
- 4-stage cascade fill panel
- Designed to fill 40x twin 6.8L cylinders



U40 QFS	3501861	1	
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U20 is also available.

C40 FREEK STATION

Features and benefits:

- 20x G-size cylinders distributed into 4 partitions
- Stainless Steel fittings and tubes
- 4-stage cascade fill panel
- Designed to fill 40x 9L cylinders
- Compact design
- Swing out side locker
- Top locker as option



C40 FREEK QDS with side locker	3558260	1	
Top locker	3500067	1	533
Upgrade kit C40 FREEK to D7000 FREEK (to achieve 60 fills)	3502117	1	
Upgrade Manifold C40 FREEK to SS with TYPE 62 valve	3503080	1	

D7000 FREEK Station is available on request.

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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QFS D7000 TRAINING UNIT

Comprising:

- D7000 fill panel (fully functional)
- 6x G-size cylinders divided into 5 banks
- Frame (same look and feel as real QFS D7000)



QFS D7000 Training Unit

3502081

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UNDERGROUND AIR BOOSTER UAB 7000

Features and benefits:

- 20x G-size cylinders distributed into 2 partitions
- Stainless Steel fittings and tubes
- QDS attachment
- 30m long hose at outlet
- Able to top up 6x QFS units by 20 bar
- Top up capacity can be increased by using mine air and filtration system (optional at extra cost)
- Purely mechanical and safe to be used in underground coal mine



UAB 7000 QDS

3501842

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531

Existing QuickFill unit can be upgraded to UAB 7000.

10 yearly service package is available upon request.

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FREEK STATION

Features and benefits:

- 2x G-size cylinders (upgradeable to 4)
- Stainless Steel fittings and tubes
- QDS attachment
- Compact size fill panel on the side
- Ergonomically designed
- 6x gas strut assisted doors (3 each side)
- Capacity to maintain 36x BA sets



FREEK 24 CABA - 2x G-size with QDS	3503198	1
FREEK 36 CABA - 2x G-size with QDS	TBA	1

Lead-time: 8 weeks

HANGING FREEK

Features and benefits:

- 2x G-size cylinders with sliding mechanism
- Lift-off doors with window
- Access doors for cylinders
- Compact fill panel on the side with covering door Including with one outlet
- Two versions available; with hangers & with pigeon holes
- 4x lifting lugs
- Designed to be used in mono rail system



Hanging FREEK with hangers for 16x CABA sets (Including 2x G-size)	3502600	1
Hanging FREEK with pigeon holes for 16x CABA sets (Including 2x G-size)	3502600	1
Hanging CABA Locker with pigeon holes for 24x CABA sets	3503355	1

When order please specify with pigeon holes or hangers

Other FREEK designs available on request.

Hanging QuickFill Station is available.

Lead-time: 8 weeks

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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CABA LOCKERS

CABA Locker 24 BA sets

- 4 gas strut assisted doors (2 each side)
- 24 Pigeon holes (12 each side)



3501883

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CABA Locker 24 BA sets with QDS

- 4 gas strut assisted doors (2 each side)
- 24 Pigeon holes (12 each side)



3502173

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CABA Locker 21 BA sets with QDS

- 6x Lift off doors (3 each side)
- 21x Pigeon holes on one side for CABA sets
- First aid side to maintain safety/first aid equipment



3501923

CABA Locker 15 CABA sets with QDS

- 2 doors
- 15 Pigeon holes



3503440

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Other designs available on request.

Lead-time: 8 weeks

FIRE SUBSTATION

Fire substation (small size) with QDS to maintain:

- 6 x 38mm x 30m lay flat hoses
- 6 x 65mm x 30m lay flat hoses
- 6 x 20lt drum of fire fighting foam
- 6 x fire extinguishers (combination of 4.5kg & 9kg)
- 2 x inline foam inductors
- Set of drawers for small items-spare nozzles, hydrant spanners,..



3502920

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Fire substation (large size) with QDS to maintain all above plus Turbex



3502921

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Lead-time: 8 weeks

Draeger Australia & New Zealand | Subject to modifications | www.draeger.com

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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BREATHING AIR TRAILERS

Draeger offer a wide range of breathing air trailers for different applications.

Trailer with High Pressure Cylinders**Comprising:**

- Galvanised body
- G-size cylinders as bank storage
- Stainless Steel fill panel
- High pressure inlet to recharge G-size cylinders
- Pressure reducer
- Low pressure outlets (6-10 bar)
- Hose reels for outlets
- Quick release couplings



Trailer with High Pressure Cylinders

3501623

Lead-time: 10 weeks

Breathing air trailer with Diesel Compressor**Comprising:**

- Compact size cradle
- Diesel industrial air compressor, 7.5 bar, 2000 L/min, low fuel consumption
- Filter system to remove oil and dust
- Secondary (backup) high pressure inlet
- Manifold with 8 low pressure outlets



Breathing air trailer with Diesel Compressor

TBA

Lead-time: 12 weeks

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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IN-CAB BREATHING SYSTEM

The system is comprising:

- 1x PSS reducer with DIN cylinder connector
 - 6x Lung Demand Valves (LDVs)
 - 1x Brass made manifold with 1x inlet and 6x outlets
 - 6x Half-face masks
- * Mask bags not Included



ICBS- 6 People	3504053	1	533
ICBS- 5 People	3503989	1	533
ICBS- 4 People	3504085	1	
ICBS- 3 People	3503988	1	533
ICBS- 2 People	3503987	1	
ICBS for Dozers (one person, one G-size cylinder, pressure reductoin panel)	3503509	1	

Bushfire solutions with hoods are also available.

MULTI HOSE REEL AIRLINE TROLLEY

The system is comprising:

- Stainless Steel frame
- 2x 9L 300bar cylinders
- Filtration system
- Auto change-over switch
- 2x Stainless Steel hose reels with 20m long hose each
- 1x Stainless Steel hose reel with 20m long hose for air inlet
- Anti Static discharge reel
- 1 x PAS reducer

This system purifies industrial air to provide two users with breathable air. If the main inlet is disconnected then the BA cylinder will kick in automatically.

An extra BA cylinder is also available for rescue operation.



Multi hose reel airline trolley	3550802	1	
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Lead-time: 8 weeks

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER EMERGENCY RESPONSE QUICK FILL ERQ-3000**Features:**

- Four 40L 350 bar Ultralight Plastic cylinders
- Robust Trolley with big pneumatic wheels
- S/S 3-stage cascade panel
- Capable of Filling six 9L 300bar
- BA cylinders from 60 to 300bar
- Average fill time of 50 seconds per BA
- 2x Fill hoses with FD17 couplings



ERQ-3000

3503839

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533

BACKUP BREATHING AIR SYSTEM (BBAS)**The system is comprising:**

- 2x Galvanised frames to maintain 9x G-size cylinders each
- 18x G-size cylinders with manifold
- 1x Air Pack panel mounted on each frame
- Stainless Steel panel and connectors

Pressure reducing panel (up to 1000 Litre/min) Including:

- 2 inlets from Air Pack panels
- 2x Pressure reducers (high Flow)
- Safety pattern pressure gauges
- 1x medium pressure outlet
- 1x sampling point

Pneumatic are surface mounted for ease of service



BBAS

3502823

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Lead-time: 8 weeks

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER-SIMSA REFUGE CHAMBERS

Scope of supply for Standard Setup

- Battery backup for 36 hours
- Electrical Input Connection: 230V 50/60 HZ
- Internal Gas Monitoring System Including 3x PAC units for CO₂, CO and O₂
- External status lights and siren
- Oxygen regulator flow meters
- Stretcher, chemical toilet, fire extinguisher and first aid kit
- Sodalime (free pour, 18 Kg containers) or Drägersorb Cartridges
- CO₂ Scrubber
- Brackets for air and oxygen cylinders
- Airlock area Including secondary door (only in 8 to 30 person chambers)



RCM 04/36	4-Person Refuge Chamber	6908630	1
RCM 06/36	6-Person Refuge Chamber	6908631	1
RCM 08/36	8-Person Refuge Chamber	6908632	1
RCM 10/36	10-Person Refuge Chamber	6908633	1
RCM 12/36	12-Person Refuge Chamber	6908634	1
RCM 16/36	16-Person Refuge Chamber	6908635	1
RCM 20/36	20-Person Refuge Chamber	6908636	1
RCM 26/36	26-Person Refuge Chamber	TBA	1
Options			
Step-Down Transformer (Voltage must be specified)			1
Insulation			1
Internal Gas Monitoring System - Portable X-AM 7000			1
Internal Gas Monitoring System - Fixed Polytron 5720 CO2 IR			1
Internal Gas Monitoring System - Fixed Polytron 5000 CO			1
Internal Gas Monitoring System - Fixed Polytron 5000 O2			1
External Gas Monitoring System - Fixed Polytron 8000 CO			1
External Gas Monitoring System - Fixed Polytron 8000 O2			1
Additional Status light (Price per light)			1
Digital IfU to be shown on a basic screen			1
Digital IfU to be shown on a touch screen industrial PLC			1
Transportation Wheels for refuge chamber			1

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
Automation for refuge chamber Including: - Temperature Monitoring (Internal/ External) - Differential Pressure Switch - Battery Voltage Level - Mine Air Pressure Switch - Status Light Monitoring - Mine Air CO Monitoring - Motion Sensor - Door Switch for Battery Cabinet - Door Switch for main door - Interactive Touch Screen Panel Computer - Data Transmission (Ethernet is Included)		1	
CCTV		1	
Other colour options			
Dräger BPU		1	
Positive Pressure - Please refer to 'Positive Pressure Unit' section			
Consumables			
400	Dräger soda lime absorbent for acidic gases, e.g. carbon dioxide (CO ₂) Supplied in 18Kg Tubs	6739010	1 444
DrägerCat® K	DrägerCat® is a catalyst which converts highly toxic carbon monoxide into carbon dioxide in the presence of atmospheric oxygen Supplied in 4Kg Tubs.	6738665	1 456
Desiccant (Drying agent)	9 kg Tub	3502784	1 055

ESTIMATED QUANTITY OF CONSUMABLES REQUIRED PER REFUGE CHAMBER for 36 HOURS*

Chamber Size	Drägersorb® (18 kg)	DrägerCat®	Drying agent
4-Person	2	2	12
6-Person	3	2	12
8-Person	4	2	12
10-Person	6	2	12
12-Person	6	2	12
16-Person	8	2	12
20-Person	10	2	12

* Please refer to manufacturer's specifications REGARDING exact quantities of catalysts & absorbents required.

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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POSITIVE PRESSURE UNIT (PPU)

The Dräger Positive Pressure Unit (PPU) brings a new level of safety to underground mine refuges. Fitted inside a refuge chamber, the PPU maintains positive pressure and consequently, a safe breathable atmosphere at all times during emergency operation.



PPU 3000



PPU 4000



PPU 7000

PPU 3000	Constant flow technology	3502640	1	531
PPU 4000 NEW	Automatically maintains positive pressure	3503348	1	
PPU 5000	Automatically maintains positive pressure	3502456	1	
PPU 7000	Most advanced unit Including Polytron 5000	3502409	1	

Cylinders required for Dräger refuge chambers

RCM0400	2	(40L 350 bar), maximum leakage rate 10L/min	3503083	1	531
RCM0600	2	(40L 350 bar), maximum leakage rate 10L/min	3503083	1	531
RCM0800	4	(50L 350 bar), maximum leakage rate 15L/min	3503120	1	
RCM1200	4	(50L 350 bar), maximum leakage rate 15L/min	3503120	1	
RCM1600	4	(50L 350 bar), maximum leakage rate 15L/min	3503120	1	
RCM2000	4	(50L 350 bar), maximum leakage rate 15L/min	3503120	1	
RCM3000	6	(50L 350 bar), maximum leakage rate 20L/min	3503121	1	

Other configurations available on request.

Above mentioned kits consist of: Cylinders with type 62 valves, high pressure flexible hose, type 62 spindle and nut, Stainless Steel fittings and tube.

Other cylinder volumes available on request.

If there is no room inside the refuge chamber, compressed air cylinders can be secured in a galvanised frame and located outside (next to the refuge chamber)

LEAKAGE RATES AND POSITIVE PRESSURE TESTING

The ingress of toxic gases or other contaminants into refuge chambers during an underground emergency is a serious safety issue, especially when the external air supply has been compromised and the refuge is operating without positive pressure (i.e. in stand-alone mode). Positive pressure is an important safety characteristic that prevents the ingress of contaminants into refuge chambers. It is a requirement of the 2013 WA Refuge Chamber Guidelines (page 7). Positive pressure testing involves using positive pressure to quantify the leakage rate of a refuge.

Refuge chamber leak test	Leakage test of one refuge chamber with certificate	1980014	on request
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Travel cost is excluded

ENGINEERED SOLUTIONS

PRODUCT	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER BPU - AUTOMATIC BREATHING AIR SUPPLY UNIT.

As a compact solution for installation in positive pressure protected escape chambers or shelters, the Dräger BPU can be easily integrated into your rescue concept. The automatic breathing air supply unit with integrated CO₂ absorber and uninterrupted power supply provides up to 96 hours of breathable air.

The Dräger BPU provides several people with a safe haven for up to 96 hours, without the need for personal respiratory protective equipment.

This is achieved by the generated positive pressure and the regeneration of exhaled air with the help of Dräger's proven soda lime. Carbon dioxide is removed by absorption and oxygen is added manually. The positive pressure is created with breathing air.



Dräger BPU (Including batteries for 36 hours)	6905428	1	POA
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AGENCY PRODUCTS

SKYLOTEC

Skylotec Full Harnesses	534
Skylotec Full Harnesses Accessories	536
Skylotec Lanyards	537
Skylotec Self Retracting Lanyard / Fall Arrestors	538
Skylotec Tripod System - Triboc	540
Skylotec Tripod System - Jackpod	541
Skylotec Tripod System Winch - Jackpod	541
Skylotec Rescue Systems - Milan	542
Skylotec Aluminium Karabiners	543
Skylotec Steel Karabiners	543
Skylotec Rope	544
Skylotec Rope Bags	545
Skylotec Rope Accessories	547
Skylotec Slings / Anchor straps	547
Skylotec Stretchers & Spineboards	548
Contrest Kit	549

STUART & HEATON

Wildland Fire Protective Clothing	550
Structural Fire Protective Clothing	550

VETTER - LIFTING & SEALING AIR BAG

Vetter Lifting Bags	551
Vetter S.Tec 12 Bar Lifting Bags	552
Vetter 12 Bar Lifting Bags Accessories	553
Vetter Mini Lifting Bags	554
Vetter Mini 8 Bar Lifting Bags Accessories	555
Vetter Round 1 Bar Lifting Bags	556
Vetter Round 1 Bar Lifting Bags Accessories	557
Vetter Inflation Accessories	558
Vetter Pipe Sealing Bags 2.5 Bar	559
Vetter Pipe Sealing Bags 1.5 & 0.5 Bar	560
Vetter Pipe Bypass Bags 1.5 Bar	561

VETTER DECON SHOWER

Vetter Decon Shower	562
Vetter Decon Shower Accessories	562

LUKAS

Vehicle Extraction Tools	563
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HÜND

Dust Monitoring Devices	564
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AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC FULL BODY HARNESSES



ARG 30

GENERAL PURPOSE work harnesses. Feature chest & dorsal fall arrest steel D rings & adjustable confined space loops. The ARG 30 series harnesses are the high performance all-rounders for industry and trade. Fall arrest rated front & rear attachment points, Confined Space loops on the shoulders plus traditional male/female type connect hardware make this a light, uncomplicated and comfortable harness. The central steel chest eyelet is approved as a fall-arrest and rescue eyelet. The individually adjustable buckles enable a single model to adapt to different sizes and different users.

1. ARG 30	General purpose	3504118	1
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Includes all the same features as the standard ARG 30 harness with the added feature of a padded adjustable waist band c/w Pole Strap attach hip D rings.

2. ARG 30 HR	Padded waist band & pole strap D rings	G-AUS-0030-HR	1
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ARG 30 style harness featuring fire retardant webbing, suitable for use in welding/grinding applications, makes this the ideal harness for all hot work applications.

3. ARG 30 FIRE	Fire retardant webbing	G-AUS-0030-F	1
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Ignite Ion

The next generation in basic work at height harnesses. Lightweight, webbing loop sternal fall arrest attachment point & adjustable confined space loops. No waist belt

4. Ignite Ion	M/XXL	G-AUS-1135-M/XXL	1
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4. Ignite Ion	XS/M	G-AUS-1135-XS/M	1
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4. Ignite Ion	XXL/5XL	G-AUS-1135-XXL/5XL	1
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AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC FULL BODY HARNESSES



ARG 31 Skyfizz Lifter Click

Features robust steel D-rings at the sternal & dorsal attachment points Confined space loops

1. Premium level general purpose c/w sewn in moisture wicking padding & click buckles on the chest & leg straps.	M/L	3505254	1	055
	L/XXL	3505169	1	055

Rescue Pro 2.0

The PROFESSIONALS choice for ROPE ACCESS & RESCUE. Also features separate loops for seat board attachment.

The RESCUE PRO 2.0 harness has Integrated, changeable rope clamp -V-Shaped back construction with comfort padding -Shaped webbing corners for increased comfort in the neck area -Adjustable, interchangeable shoulder pads -Double layer leg padding ergonomically shaped for increased comfort -Great adjustment opportunities for long working sessions -Loops for sit board attachment means optimal workplace organization -Large Sternal attachment point (in high quality aluminium) -Front attachment points in different colors for better organization -Ergonomically shaped back and hip padding for better support -Large hip D-rings for working positioning (Pole strap) -High quality aluminium quick connected buckles on the leg straps -Fall indicator on the rear shoulder strap -Seven material loops (five around the waist, two on the leg straps) -Five tool eyelets around the waist -Webbing banderole to protect the label pack -Detachable rescue knife

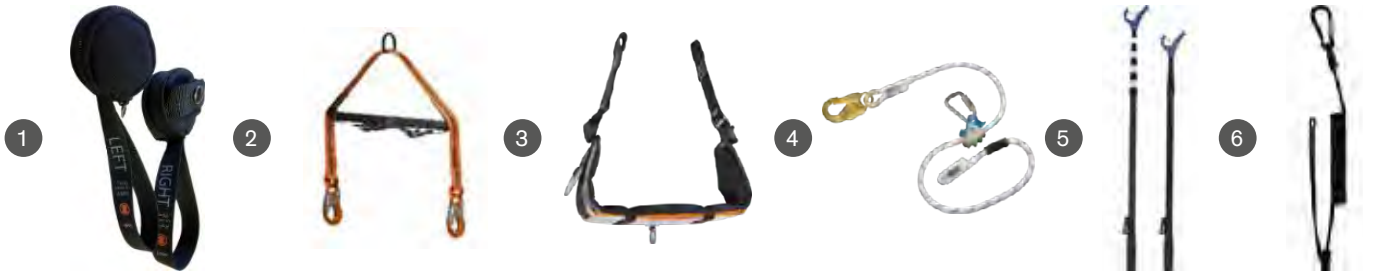
2. Rope Access & Rescue harness.	M/XXL	G-AUS-1083-AL-XS/M	1	
Features an integrated chest ascender & a rescue knife.	XS/M	G-AUS-1083-AL-M/XXL	1	
	XXL/XL	G-AUS-1083-AL-XXL/5XL	1	

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC FULL BODY HARNESSES

Accessories



1. Suspension Straps	To prevent suspension trauma after a fall	ACS-0189	1/ pair	055
2. Spreader Bar	For use in tight vertical confined space openings. Wrist slings allow for an injured or unconscious worker to prevent catching on obstructions	3504119	1	
3. Skyboard - Bosuns Chair	Large work seat for rope-supported tasks	G-0205-L	1	
3. Skyboard - Bosuns Chair	Extra Large work seat for rope-supported tasks	G-0205-XL	1	
4. Ergogrip	2m Polestrap	L-AUS-0031-S-2	1	
4. Ergogrip	3m Polestrap	L-AUS-0031-S-3	1	
5. Telestick	Teleskopic rescue Pole max 3.5 meter.	ACS-0070	1	
Tool Keeper	Retractable & lockable	ACS-0249	1	
Tool Keeper	CLIP Retractable & lockable	ACS-0250	1	
6. Tool Saver	Elasticised tool lanyard, 700mm c/w karabiner	3504072	1	055

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC LANYARDS

BFD Lanyards - Compliance

Basic compliance certified lanyard range



Webbing Lanyards

1. BFD Single Leg lanyard - Web	Adjustable 1.2 - 1.8m	L-AUS-0700-1,8	1	
2. BFD Double Leg lanyard - Web	Adjustable 1.2 - 1.8m	L-AUS-0708-1,8	1	

Rope Lanyards

3. BFD Single Leg lanyard - Rope	1.2m	L-AUS-0089-1.2	1	
3. BFD Single Leg lanyard - Rope	1.5m	L-AUS-0089-1.5	1	
3. BFD Single Leg lanyard - Rope	2m	3505311	1	055
4. BFD Double Leg lanyard - Rope	1.5m	L-AUS-0668-1.5	1	
4. BFD Double Leg lanyard - Rope	2m	L-AUS-0668-2	1	

Elasticised Lanyards

5. BFD Single Leg lanyard - Flex	1.5m	L-AUS-0403-1.5	1	
5. BFD Single Leg lanyard - Flex	2m	L-AUS-0403-2	1	
6. BFD Double Leg lanyard - Flex	1.5m	L-AUS-0582-1.5	1	
6. BFD Double Leg lanyard - Flex	2m	L-AUS-0582-2	1	

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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Skysafe Pro - Premium

Revolutionary, new energy absorber with the large weight range from 50 - 140kg (110 - 310 lbs.) that always withstands a maximum impact of less than 6 kN at a maximum absorber length of 1.75m (5.7 Feet). The final impact resistance of 22 kN, also in the absorber, before AND after a fall is exceptional as well. SKYSAFE PRO furthermore meets the most relevant international standards in one SINGLE product.

UNIQUE: The built-in, adjustable RESCUE LOOPS! As a result, rescuers need not set up a rescue system and hereby save precious time in a rescue!



Webbing Lanyards

1. Skysafe Single Leg lanyard - Web	Adjustable 1.2 - 1.8m	L-AUS-0272	1	
2. Skysafe Double Leg lanyard - Web	Adjustable 1.2 - 1.8m	L-AUS-0601	1	

Elasticised Lanyards

3. Skysafe Single Leg lanyard - Flex	1.8m	L-AUS-0590-1,8	1	
4. Skysafe Double Leg lanyard - Flex	1.8m	L-AUS-0594-1,8	1	

SKYLOTEC SELF RETRACTING LANYARD (SRL) / FALL ARRESTORS

RAPTOR Fall Arrest Blocks

The RAPTOR fall arrest blocks revolutionize the concept of safety since it has two fall indicators that are visible to users. These display the functionality of the device from the outside. A red indicator warns the user as soon as the device is due for inspection. With RAPTOR attached overhead, it's possible to work safely up to an angle of 45° with lateral deflection of up to 1.5 m. The carefully thought-out housing design allows space-saving and device-protecting storage. Available in different versions - Galvanised steel cable in 6mt, 10mt and 20mt, with stainless steel cable in 20mt or webbing in 6mt and 8mt lengths. 140 kg MAXIMUM USER WEIGHT. Suitable for sharp edge use (above 0.5mm edge)












NOTE: Maximum weight for users at sharp edges is 100kg.



RAPTOR Retractable Type Fall Arrestors

1. RAPTOR - 6mt gal steel cable with 22mm steel Fall Indicator TAK		HSG-042-6	1	
2. RAPTOR - 10mt gal steel cable with 22mm steel Fall Indicator TAK		3505313	1	055
3. RAPTOR - 20 mt gal steel cable with 22mm steel Fall Indicator TAK		3505312	1	055

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
PEANUT Retractable Lanyard Devices				
<p>The PEANUT range of ultra-compact retractable lanyard devices, like the SKYSAFE PRO range of lanyards is already equipped with the One-4-All shock absorber.</p> <p>Key features;</p> <ul style="list-style-type: none"> • A weight range from 50kg to 135 kg • Edge certified • Suitable for horizontal use applications 				
SINGLE LEG 2.5mt				
	PEANUT - 16kN Triple action Steel karabiners at each end.	HSG-AUS-021-2,5-8	1	
	PEANUT - 16kN Triple action steel karabiner & 16kN 60mm gate steel scaffold hook at the lanyard end.	HSG-AUS-021-2,5-4	1	
	PEANUT - 16kN DA steel snap hook at each end.	HSG-AUS-021-2,5-10	1	
	PEANUT - 16kN DA steel snap hook & 16kN 65mm gate Alloy & steel scaff hook at the lanyard end.	HSG-AUS-021-2,5-11	1	
TWIN LEG 1.8mt				
	PEANUT - 16kN Triple action steel karabiners at each end.	HSG-AUS-022-1,8-8	1	
	PEANUT - 16kN Triple action steel karabiner & 16kN 60mm gate steel scaff hooks at the lanyard ends.	HSG-AUS-022-1,8-4	1	
TWIN LEG 2.5mt.				
	PEANUT - 16kN Triple action steel karabiners at each end.	HSG-AUS-022-2,5-8	1	
	PEANUT - 16kN Triple action steel karabiner & 16kN 60mm gate steel scaffold hooks at the lanyard ends.	HSG-AUS-022-2,5-4	1	
	PEANUT - 16kN Double action steel snap hooks at each end.	HSG-AUS-022-2,5-10	1	
	PEANUT - 16kN Double action steel snap hook & 65mm gate Alloy & steel (16kN gate rated) scaffold hooks at the lanyard ends.	HSG-AUS-022-2,5-11	1	

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC TRIPOD SYSTEM

Tripod System - Triboc

Vertical confined space entry system



Tripod				
1. Triboc Tripod	Adjustable to 2.3mt. Certified for both personnel & material lifting & lowering. Material handling load of 500kg with the leg chain.	3504116	1	055
2. Triboc Bag	Carry bag for protection & transport of the Tripod	3504120	1	055
Triboc Chain	Spare part	AP-009	1	
Retrieval Systems - Type 1 or 2 Fall Arrest & Separate Winch				
3. Magic Fall Arrest	15m Type 1 fall arrest	L-0200-15	1	
Retrieval Systems - Type 3 Fall Arrest which Incorporates a Winch				
4. HSG HR 15T	Type three SRL allows for EMERGENCY retrieval of a fallen worker. Supplied with bracket to suit Tripod. Case & Hardware Included	HSG-004-15-T	1	
4. HSG HR 15	Same as above but with NO Tripod leg bracket.	HSG-004-15	1	
Triboc Move	Adaptor frame on lockable wheels. Attaches to the Triboc legs enabling it to be moved easily on hard standing areas.	AP-010	1	
Alternative Retrieval System (instead of mechanical winch)				
5. Safety Roll	15m travel, 3 to 1 ratio	SET-241-50	1	
5. Safety Roll	20m travel, 3 to 1 ratio	SET-241-60	1	
5. Safety Roll	15m travel, 4 to 1 ratio	SET-239-60	1	
5. Safety Roll	20m travel, 4 to 1 ratio	SET-239-65	1	

We recommend the customer uses a Magic Fall Arrest with the Safety Roll as an optional backup

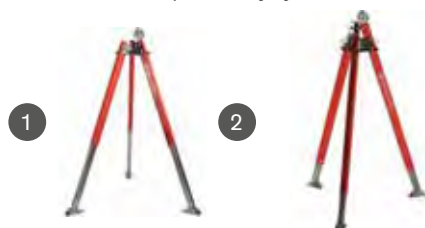
AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC JACKPOD TRIPOD

Jackpod System

Vertical confined space entry system



Tripod

1. Jackpod Tripod 1	1220mm - 2260mm	JP-011-1	1
2. Jackpod Tripod 2	1650mm - 3162mm	JP-011-2	1

Winch



3. Jackpod Winch 18 meter		JP-008-1	1
Jackpod Winch 18mt. BRACKET to TRIPOD 2.26m		JP-010-3	1
Jackpod Winch 18mt BRACKET to TRIPOD 3.02m		JP-010-5	1
4. Jackpod Winch 45 meter		JP-008-2	1
Jackpod Winch 45mt. BRACKET to TRIPOD 2.26m		JP-010-4	1
Jackpod Winch 45mt. BRACKET to TRIPOD 3.02m		JP-010-6	1
5. Jackpod Winch Drive 4:1 Max 1200rpm Transmission		JP-009-1	1
6. Jackpod Winch Direct Drive		JP-009-2	1
7. Jackpod Overload Protector		JP-009-3	1
Type 3 Self Retracting Lifeline			
Jackpod SRL Anchor rope 2,5mt		JP-017-2,5	1
8. Type 3 SRL with bracket to Jackpod		HSG-004-15-JP	1

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC RESCUE SYSTEMS

Milan

The MILAN 2.0 POWER - RESCUE & EVACUATION KITS are the ideal tool for all work sites where an emergency evacuation or rescue may be required. Evacuation or rescue may need to be conducted at height or from a confined space. The MILAN 2.0 Power kits, combined with a Rescue Device Driver (RDD) will enable a swift, simple evacuation or rescue of stranded or injured workers from the work site



Devices

1. Milan 2.0	Evacuation device. Uses 9mm Static rope to reduce weight.	A-027	1
2. Milan 2.0 Power	Modified version of the Milan 2.0 Hub. A high powered drill fits to the device to raise a fallen worker over a distance of 60 to 100mt on one battery.	A-029	1
9mm Milan Rope	Include a variable length of rope with every Milan device. 5-315m available	L-0520-###	1
3. Power Drill Kit	Purpose designed heavy duty drill kit c/w drill, two batteries, charger and carry case	A-029-G	1
4. Battery Charger	Battery Charger - For Milan power drill	A-029-L	1
5. Battery Pack	Battery Pack - For Milan power drill	A-029-A	1

Kits



6. Milan 2.0 Power	Rescue & Evacuation device with 20m rope c/w Anchor sling	SET-357-20	1
6. Milan 2.0 Power	Rescue & Evacuation device with 40m rope c/w Anchor sling	SET-357-40	1
6. Milan 2.0 Power	Rescue & Evacuation device with 60m rope c/w Anchor sling	SET-357-60	1
7. Milan 2.0 Power	Rescue & Evacuation device with 20m rope c/w Anchor sling	SET-357-20	1
7. Milan 2.0 Power	Rescue & Evacuation device with 40m rope c/w Anchor sling	SET-357-40	1
7. Milan 2.0 Power	Rescue & Evacuation device with 60m rope c/w Anchor sling	SET-357-60	1

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC ALUMINIUM KARABINERS

Triple Action



1. Ovaloy TRI ORANGE/SILVER	24kN Aluminium karabiner, 21mm Tri lock gate. 110x59mm	H-069	1
2. Passo TRI ORANGE/BLACK	22kN Alloy karabiner, 30mm triple action gate. 112x78mm	H-137-TRI	1
3. DOUBLE O ORANGE/GREY	24kn Alloy OVAL shape karabiner. 180° technology 25mm TRIPLE ACTION gate. 109x58mm	H-176-TRI	1
4. DOUBLE TRI ORANGE/GREY	22kn Alloy D shape karabiner. 180° technology 20mm TRIPLE ACTION gate. 112x76mm	H-173-TRI	1

SKYLOTEC STEEL KARABINERS

Triple Action



1. Oval steel TRI SILVER	30kN Steel karabiner, 21mm triple action gate, 10kN side loading 111 x 62mm	H-051	1
2. Kobra TRI BRONZE	45kN captive eye, steel 22mm gate opening, triple action karabiner, 15kN gate rated. 133 x 73mm	H-121	1
3. Steel D TRI BRONZE	41kN Steel karabiner, 20mm Triple action gate, 15kN gate rated. 110 x 67mm	3504068	1

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC ROPE

Rope



Static 11mm

11.0mm, 30kN low expansion & sheaf slip with high abrasion resistance. Just 3% elongation makes this rope ideal for rope access, rescue & winch operations

1. Rope - Super Static 11.0mm WHITE	50mt	R-079-WE-50	1
1. Super Static Rope 11.0mm WHITE	200mt	R-079-WE-200	1
1. Super Static Rope 11.0mm WHITE	700mt	R-079-WE-700	1
2. Super Static Rope 11.0mm BLACK	200mt	R-079-SW-200	1
3. Super Static Rope 11.0mm RED	200mt	3504073	1
4. Super Static Rope 11.0mm BLUE	200mt	R-079-BL-200	1

Dynamic 11mm

11.0 mm Low kink dynamic rope is extremely abrasion resistant & very low sheaf slip

5. X-TREME - Low kink 11.0mm DYNAMIC rope. Extremely abrasion resistant	60mt	R-052-60	1
5. X-TREME - Low kink 11.0mm DYNAMIC rope. Extremely abrasion resistant	100mt	R-052-100	1
5 X-TREME - Low kink 11.0mm DYNAMIC rope. Extremely abrasion resistant	200mt	R-052-200	1

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC ROPE BAGS

Bags



1. Rope Bag	Nylon rope storage bag. Holds up to 15mt rope or 5kg of materials	ACS-0009-1	1
1. Rope Bag	Nylon rope storage bag. Holds up to 50mt rope or 15kg of materials	ACS-0009-2	1
1. Rope Bag	Nylon rope storage bag. Holds up to 90mt rope or 25kg of materials	ACS-0009-3	1
1. Rope Bag	Nylon rope storage bag. Holds up to 130mt rope or 30kg of materials	ACS-0009-4	1
2. Rope Bag Big	Polyester rope & materials bag with shoulder strap. Holds up to 30kg	ACS-0112	1
3. Duffle Bag - BLACK	Heavy duty water proof kit bag c/w shoulder straps. Medium	ACS-0175-SW	1
4. Duffle Bag - ORANGE	Heavy duty water proof kit bag c/w shoulder straps. Medium	ACS-0175-OR	1
3. Duffle Bag - BLACK	Heavy duty water proof kit bag with shoulder straps. Large	ACS-0176-SW	1
4. Duffle Bag - ORANGE	Heavy duty water proof kit bag with shoulder straps. Large	ACS-0176-OR	1

Bags



5. Unibag 32	Water resistant storage kit back pack bag.	ACS-0011-32	1
6. Unibag Expert	Front load pack with partitioning for ropes & equipment.	3504070	1
7. Unibag 11	back pack style bag	ACS-0010	1
Meshbag	Mesh storage bag.	ACS-0165	1
Colbag	large storage bag.	ACS-0062	1
8. Tobax K	Heavy duty materials hang bag.	ACS-0019-K	1
9. Statrans	metal storage case.	ACS-0003-F	1
ALTRANS	Aluminium Transport Case	ACS-0001	1
Rock Rolli	Equipment Transport Trolley.	ACS-0200	1

Draeger Australia & New Zealand | Subject to modifications | www.draeger.com

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC ROPE BAGS

Bags



1. Drybag - BLACK	Water proof TUBULAR kit bag c/w back pack straps. Holds up to 25kg	3504071	1
Drybag - ORANGE	Water proof TUBULAR kit bag c/w back pack straps. Holds up to 25kg	ACS-0014-OR-M	1
1. Drybag - BLACK	Water proof TUBULAR kit bag c/w back pack straps. Holds up to 30kg	ACS-0014-L	1
Drybag - ORANGE	Water proof TUBULAR kit bag c/w back pack straps. Holds up to 30kg	ACS-0014-OR-L	1
2. Drybag Eco	Water resistant tubular kit bag with carry handle. Holds up to 25kg	ACS-0088-L	1
Dry Bag Lift	heavy duty water proof TUBULAR materials bag. Maximum weight 30kg.	ACS-0132	1
3. Tool Bag Pro Lift 4k	Water resistant materials lift bag. Maximum weight 30kg.	ACS-0133	1
4. Liftbag	Water resistant materials lift bag. Maximum weight 20kg.	ACS-0134	1
5. Equipment Bag	Tubular kit bag to rope access harnesses	ACS-0020	1
Skypack	Premium quality backpack storage bag. Multiple pockets & ID window	ACS-0244	1
PROTON	Backpack accessory bag	ACS-0252	1
6. Pliibag	Lightweight tools & materials kit bag base plate. Maximum weight 30kg.	ACS-0055	1

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC ROPE ACCESSORIES

Rope Devices



1. SKA	Removable rope grab device Stainless steel c/w d/action karabiner for use on 12mm Kernmantle ropes. B14	L-0058-TW	1
2. SKA Rope Clamp	RESCUE DEVICE (For use in Milan rescue techniques)	L-0058-SK	1
3. ROPE GRAB ROCKER	For use on suitable ropes within a diameter range of 10.5mm to 12.7mm.	H-060	1
4. Chest Ascender	(Right Hand) for 8 - 13mm rope	H-058	1

SKYLOTEC SLINGS / ANCHOR STRAPS

Slings / Anchor Straps



0.4m loop 26 kN	Top stitched RED hose strap	L-0008-0,4	1
0.6m loop 26 kN	Top stitched RED hose strap	L-0008-0,6	1
0.8m loop 26 kN	Top stitched BLACK hose strap	L-0008-0,8	1
1.0m loop 26 kN	Top stitched BLACK hose strap	L-0008-1	1
1.2m loop 26 kN	Top stitched YELLOW hose strap	L-0008-1,2	1
1.5m loop 26 kN	Top stitched YELLOW hose strap	L-0008-1,5	1
1.8m loop 26 kN	Top stitched BLUE hose strap	L-0008-1,8	1
2.0m loop 26 kN	Top stitched BLUE hose strap	L-0008-2	1

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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SKYLOTEC STRETCHERS & SPINEBOARDS

Stretchers



ULTRAROLL Soft shell stretcher	Suitable for horizontal & vertical applications. Provided with 4 retainer belts, 8 padded carry handles & backpack carry bag.	SAN-9000	1
1. Basket Stretcher 1-piece	8.5kg. 2178mm x 618mm x 189mm	SAN-0087-1	1
Basket Stretcher 1-piece SMALL	Metal Frame 16kg. 2180mm x 590mm x 200mm	SAN-0087-1-M	1
2. Basket Stretcher 2-piece	12kg. 2141 x 618 x 189	SAN-0087-2	1
MINING Basket (DRAG) Stretcher	Stainless steel 20kg. 2000 x 550 x 300mm	SAN-0094	1

Stretcher Accessories

Vakuu Matratze	Inflatable mattress for one & two piece stretchers	SAN-0128	1
MATRESS	Replacement for Basket Stretcher	SAN-0087-M	1
3. Ultra Floating	Float collar for water rescue. Fastens via the harness straps	SAN-0087-S	1
Ultra Vac Pumpe	Hand vacuum pump	SAN-0278	1
Transport bag	1 piece stretcher	SAN-0088	1
Safety belts x 3	Replacement patent tie down straps (qty 3) with storage bag	SAN-0084-K	1

Lifting Straps

Transport	5 point webbing lift straps for horizontal extraction. 1600mm	SAN-0086	1
Transportgehänge	5 point Stainless steel lift straps for horizontal extraction.	SAN-0099	1
4. Ultrabelt X-treme	Special 6 point harness for fast & secure fixation of the patient 1.8kg	SAN-0089	1
ULTRA FLEX	Adjustable lifting straps & pulley system to UltraRoll Stretcher	SAN-0097	1
ULTRAFIX	Vertical lifting lift straps	SAN-9005-V	1
ULTRAFIX	Horizontal lifting lift straps	SAN-9005-H	1

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
Spineboards				
S-Boon	Spineboard. X-Ray suitable 7.2kg	SAN-0295	1	
ultraSCOOP	Spineboard. Aluminium adjustable 9.5kg	SAN-0125	1	
ultraSCOOP	Spineboard X-Ray suitable, adjustable 9.5kg	SAN-0288	1	
Spineboard Accessories				
5. Ultrastraps Xtreme	6 point webbing straps for fixation of the patient to a Spineboard iece stretcher	SAN-0286	1	
6. Ultraheadlock	Lightweight head restraint set for Spineboard	SAN-0284	1	
Safety Belt	Replacement belt for Basket Stretcher & Spine board	SAN-0084-S	1	

CONREST KIT



The CONREST rescue stretcher allows the rapid rescue of accident victims from hard-to reach and confined spaces. The short design secures the patient's head, spine, pelvis and arms thanks to a particularly thick and stabilising belt strap construction. With its many grips, CONREST offers rescuers and emergency crews numerous options for moving accident victims out of the danger zone. Special attachments can also be secured to the carrying loops. These can be linked to a mobile attachment system that allows accident victims to be rescued from a sewer shaft, for example. A clear colour system ensures rapid handling: all of the attachment points are marked in orange. CONREST has a stable and solid skid plate that ensures the safe movement of the patient over edges or obstacles. A leg pouch, which when required can also be used to secure the feet, also comes as part of the standard equipment.

Conrest Kit	Rescue stretcher	SAN-9100	1	
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AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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STEWART & HEATON

Structural Fire Fighting Garments



Level 1 Wildland Fire Fighting Clothing AS/NZS 4824 Certified 'Wildland Gold' colour. All options available in a range of sizes

Wildland Fire Fighting Coat	Sizes: 77 to 132	J545	1	
Wildland Fire Fighting Trousers	Sizes: 77R to 112R, 87S to 132S, 74L to 94L	T540	1	
Wildland Fire Fighting Boot	Sizes: 3.5 to 13.5	F368	1	
Wildland Fire Fighting Hood, white	Universal Fit	3503129	1	055
Wildland Fire Fighting Hood, black	Universal Fit	Q667	1	
Wildland S&H Leather Glove		G113	1 pair	

Structural Fire Fighting Garments



Level 2 Structural Fire Fighting Clothing AS/NZS 4967 Certified 'Lime Green' or 'PBI Gold' colour. All options available in a range of sizes. Lime - Most sizes available ex stock. PBI Gold - Made to order 12 week lead time. PBI Gold also available in made to measure sizes for an additional 25% cost.

Structural Fire Fighting Coat Lime	Nomex® outer with 2 layer Sontara® lightweight Thermal Barrier	3501299	1	055
Structural Fire Fighting Over-Trouser Lime	XS to 4XL in Regular, Stout & Long	3501298	1	055
Structural Jacket PBI Gold	Structural Jacket PBI Gold® with Goretex® Airlock Moisture Barrier. S to 4XL in Regular, Stout & Long	3503812	1	055
Structural Trousers PBI Gold		3503811	1	055
Standard Braces for Over-Trouser		BR010-RED	1	I
H Style Braces for Over-Trouser	Sizes: Regular and X-Large	3501297	1	055
Structural Fire Fighting Hood, white	Universal Fit	3503129	1	055
Structural Fire Fighting Hood, black	Universal Fit	Q667	1	
Gloves Level 2 Structural FF Firepro		3503132	1	055
Gloves Level 3 Structural FF Super Mars		G120	1	
Boot Skellerup FF Extreme T3		3505300	1	055
Structural Boot Skellerup T2 Blk/Ylw		F562-UK-BY	1	
Structural Fire Fighting Boot	Sizes: 4 - 14	3503847	1	

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER LIFTING BAGS

Rescue Sets



1. Rescue Set: 47 US tons/418kN	Lifting bags V 10, V 12, V 20, 2 inflation hoses 12 bar, 5 m, yellow and red, Air CU lighting, deadman controller, Pressure regulator	ZV-1316001500	1
2. Emergency Rescue Set: 06 US ton/942 kN	Lifting bags V 10, V 12, 2 x V 20, V 33L, inflation hoses 12 bar, 5 m, yellow and red, Air CU lighting, deadman controller, Pressure regulator	ZV-1316001600	1

This set is especially versatile and suitable for almost all road applications. Whether lifting vehicles when people are trapped underneath or freeing trapped limbs after traffic accidents, this set is a reliable helper.

The emergency rescue set is ideal for the rapid rescue of trapped persons. The multitude of lifting bags lets you react to the lifting weight with great versatility. Use the emergency rescue set to create free space during traffic accidents and natural catastrophes.

AGENCY PRODUCTS

PRODUCT	LIFTING POWER (TONNES)	LIFTING HEIGHT (CM)	SIZE (CM)	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER S.TEC12 LIFTING BAGS

S.Tec 12 Lifting Bags (12 Bar)



The first choice range for customers without any existing Vetter systems.

V 1	1.4 Tonnes	7.4 cm	14 x 13	ZV-1316000200	1
V 5	4.6 Tonnes	12.1 cm	25.5 x 20	ZV-1316000300	1
V 7	7.5 Tonnes	15.8 cm	28 x 28	ZV-1316000400	1
V 10	10 Tonnes	17.8 cm	32 x 32	ZV-1316000500	1
V 12	12.2 Tonnes	19.5 cm	35 x 35	ZV-1316000600	1
V 20	20.1 Tonnes	24.5 cm	44 x 44	ZV-1316000700	1
V 26	25.8 Tonnes	27 cm	47 x 52	ZV-1316003300	1
V 33L	33.3 Tonnes	19.3 cm	31 x 102	ZV-1316000800	1
V 35	34.6 Tonnes	29.9 cm	52 x 62	ZV-1316000900	1
V 50	36.6 Tonnes	37.5 cm	67.6 x 67.6	ZV-1316001000	1
V 59	59.4 Tonnes	39.3 cm	78 x 69	ZV-1316001100	1
V 83	82.6 Tonnes	46.6 cm	86 x 86	ZV-1316001200	1
V 102	101.6 Tonnes	51.6 cm	95 x 95	ZV-1316001300	1

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER 12 BAR LIFTING BAGS ACCESSORIES

12 Bar



Inflation Hose

1. 5m Inflation hose	Yellow	1200002000	1
1. 10m Inflation hose	Yellow	1200002500	1
5m Inflation hose	Blue	1200002100	1
10m Inflation hose	Blue	1200002600	1
5m Inflation hose	Green	1200002200	1
10m Inflation hose	Green	1200002700	1
2. 5m Inflation hose	Red	1200002300	1
2. 10m Inflation hose	Red	1200002800	1
5m Inflation hose	Grey	1200002400	1
10m Inflation hose	Grey	1200002900	1

Controller

3. Dual Deadman controller	with lighting	1200001700	1
4. Dual Fitting controller		1200001800	1
5. Single Fitting controller		1200001900	1

Shut-off unit

Shut off unit allows bag to be isolated and remain inflated after disconnection from hose & controller

6. 0.3m hose	Red	1200004000	1
0.3m hose	Yellow	1200004100	1

AGENCY PRODUCTS

PRODUCT	LIFTING POWER (TONNES)	LIFTING HEIGHT (CM)	SIZE (CM)	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER MINI LIFTING BAGS

Mini Lifting Bags (8 Bar)

This is the primary product used in Australia. Most existing customers will already have this 8 bar type bag system. Offer this for customers with existing systems and 12 bar for new customers.



Thanks to their low insertion height, our mini lifting bags enable you to free injured persons quickly and smoothly. Lift even heaviest loads in a single smooth movement! Vetter's mini lifting bags demonstrate their versatility on the job: use them to lift, push, press, prise or split as the situation demands – safely and reliably even on difficult Inclines. The optimised surface profile on Vetter's mini lifting bags masters even slippery surfaces such as sand or grass without any problems. The special safety coupling prevents unwanted disengagement of the hose from the lifting bag.

V 1	1	7.5	14 x 13	ZV-1314009300	1
V 3	3.3	12	25.5 x 20	3500386	1
V 6	6.4	16.5	29.5 x 29.5	3500385	1
V 10	9.6	20.3	37 x 37	ZV-1314002200	1
V 12	12	20	32 x 52	3548023	1
V 18	17.7	27	47 x 52	3590510	1
V 20	19.4	28	48 x 58	3503157	1
V 24	24	30.6	52 x 62	3548025	1
V 24L	24	20.1	31 x 102	3548116	1
V 31	31.4	37	65 x 69	3590303	1
V 35L	35.8	31	43 x 115	ZV-1314018300	1
V 40	39.6	40.2	78 x 69	3501817	1
V 54	54.4	47.8	86 x 86	3501711	1
V 68	67.7	52	95 x 95	3548119	1

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER 8 BAR LIFTING BAGS ACCESSORIES

8 Bar



Inflation Hose

5m Inflation hose	Yellow	ZV-800000901	1	
10m Inflation hose	Yellow	3500695	1	055
10m FRAS Inflation hose	Yellow with Red Spiral	3501816	1	055
1. 5m Inflation hose	Red	ZV-800001301	1	
1. 10m Inflation hose	Red	3503155	1	
10m FRAS Inflation hose	Red with Yellow Spiral	3501815	1	

Controller

2. Dual Air CU lighting, Deadman controller	with lighting	ZV-800019900	1	
3. Dual Deadman controller	aluminium	ZV-800000201	1	
4. Single Deadman controller	aluminium	ZV-800000401	1	
5. Dual Fitting controller	Brass	3501712	1	
6. Single Fitting controller	Brass	3500773	1	

Shut-off unit

Shut off unit allows bag to be isolated and remain inflated after disconnection from hose & controller

7. 0.3m hose	Red	3503156	1	
7. FRAS 0.3m hose	Red	3501813	1	
0.3m hose	Yellow	ZV-800007301	1	
7. FRAS 0.3m hose	Yellow	3501812	1	

AGENCY PRODUCTS

PRODUCT	LIFTING POWER (TONNES)	LIFTING HEIGHT (CM)	SIZE (CM)	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER LIFTING BAGS

Lifting Bags (1 Bar)



Our classic lifting bag has proven itself in 40 years of service. Trust in handwork made in Germany and rely on the pneumatics professionals. Internal stabilising straps keep the lifting bag from bulging and provide a flat contact area over the entire lifting height. Vetter lifting bags are distinguished by an ideal pressure distribution. In effect, they can also lift thin-walled coachwork such as lorries, vans or small airplanes without damaging them. On soft or slippery surfaces, the clever anti-slip dimples on the extremely tough top and bottom sides provide a firm hold.

Vetter lifting bags are available with deadman or fitting control.

The deadman control returns to the zero position automatically, preventing uncontrolled inflation of the lifting bag. The fitting control is operated with a ball valve. Careful: The air supply does not stop automatically.

All of the sets described here include the following standard components: 2 inflation hoses 1 bar, 5 m, yellow and red, Air CU lighting, deadman controller, Pressure regulator 200 / 300 bar, Packing bag and Repair material

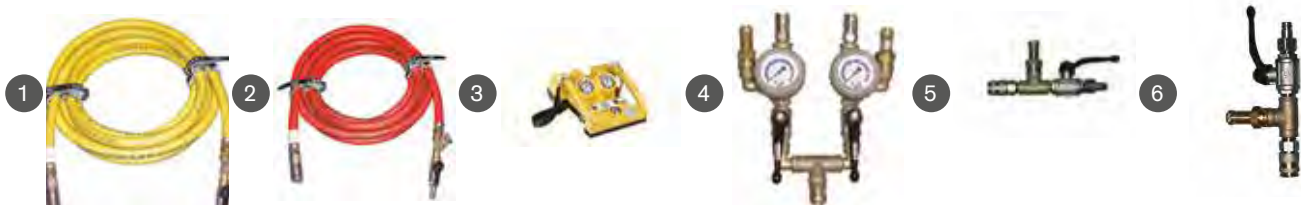
1. Set with deadman control						
Set 1 / 6	6	56	65 x 22	ZV-3110003600	1	
Set 1 / 9	9	76	80 x 22	ZV-3110003500	1	
Set 1 / 13	13	81	95 x 22	ZV-3110003400	1	
Set 1 / 23	22.6	127	125 x 22	ZV-3110003300	1	
2. Set with fitting control						
Set 1 / 6	6	56	65 x 22	ZV-3110002200	1	
Set 1 / 9	9	76	80 x 22	ZV-3110001900	1	
Set 1 / 13	13	81	95 x 22	ZV-3110001501	1	
Set 1 / 23	22.6	127	125 x 22	ZV-3110000801	1	
3. Single Bags						
Set 1 / 6	3	56	61	ZV-3110002300	1	
Set 1 / 9	4.5	76	76	ZV-3110002000	1	
Set 1 / 13	6.5	81	91	ZV-3110001600	1	
Set 1 / 23	11.3	127	120	ZV-3110000900	1	

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER 1 BAR LIFTING BAGS ACCESSORIES

1 Bar



Inflation Hose

1. 5m Inflation hose	Yellow	100004100	1
1. 10m Inflation hose	Yellow	350007401	1
2. 5m Inflation hose	Red	100004000	1
2. 10m Inflation hose	Red	350033500	1

Controller

3. Dual Air CU lighting, Deadman controller	without lighting	3500388	1
4. Dual Fitting controller		ZV-0100001801	1
5. Single Fitting controller		ZV-0100001501	1

Shut-off unit

Shut off unit allows bag to be isolated and remain inflated after disconnection from hose & controller

6. Shut off unit		ZV-0100000300	1
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AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER ACCESSORIES



Inflation with Cylinder				
1. 6.8Ltr 300Bar Cylinder	Carbon Fibre 20 year life	3540070	1	521
1. 9.0Ltr 300Bar Cylinder	Carbon Fibre 20 year life	3540072	1	521
2. Pressure regulator	200 / 300 bar	3590476	1	055
Inflation with Alternative Air Source				
3.10 m Air-supply hose	green	3548061	1	
3.10 m Air-supply hose	green, with shut-off valve	ZV-1600013601	1	
44 Adapter for construction-site compressor		3503517	1	
Protection Accessories				
Bag Matt Hard	Underneath Bag	3503154	1	
Bag Mat Soft (470mm x 520mm)	Above Bag	ZB-MAT18T	1	
Bag Mat Soft (690mm x 780mm)	Above Bag	3503153	1	
Support Accessories				
Used to support the load in case of bag failure				
2x4x18 Crib	Crib 2 x 4 x 18"	ZT-2/4-18C	1	
4x4x18 Crib	Crib 4 x 4 x 18"	ZT-4/4-18C	1	
2x4x12 Wedge	Wedge 2 x 4 x 12"	ZT-2/4-12	1	
4x4x18 Wedge	Wedge 4 x 4 x 18"	ZT-4/4-18C	1	

AGENCY PRODUCTS

PRODUCT	LIFTING POWER (TONNES)	LIFTING HEIGHT (CM)	SIZE (CM)	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER PIPE SEALING BAGS

Pipe Sealing Bags



Vetter Pipe Sealing bags are the optimum solution when quick and reliable sealing of drainage is required. A big advantage of the sealing bags are their freely selectable contact pressure (on the pipe wall): from 0.5 bar to 2.5 bar/7.25 psi to 36.25 psi.

The areas of operation are, among others: sealing off sewer pipelines during repair or maintenance work avoiding sewage backflow at the source location during pipe bursts, flooding, sewer inspection, sewer cleaning, repair and maintenance work

Due to the numerous application possibilities, sealing bags are used in different branches of industry, such as road construction and civil engineering companies, sewer constructors, water authorities and industry.

Pipe Sealing Bags (2.5 Bar)

RDK 2.5/4	2.5 to 4	2.5Bar	11.5	ZV-1440000100	1
RDK 4/7	4 to 7	2.5Bar	15.5	ZV-1440000200	1
RDK 7/15	7 to 15	2.5Bar	30	3501221	1
RDK 10/20	10 to 20	2.5Bar	51	3501327	1
RDK 15/30	15 to 30	2.5Bar	46	3501727	1
RDK 20/40	20 to 40	2.5Bar	65	3503484	1
RDK 20/50	20 to 50	2.5Bar	75	3502383	1
RDK 30/60	30 to 60	2.5Bar	73.5	3502324	1
RDK 50/80	50 to 80	2.5Bar	111	3502999	1
RDK 60/100	60 to 100	2.5Bar	132	ZV-1440011900	1

Inflation Hoses & Controller (2.5 Bar)

10m Inflation hose 2.5 bar	Yellow		3503283	1	055
Single Controller 2.5 bar	Fitting control		3503427	1	055
Foot Pump	with Safety Valve		3503516	1	055

AGENCY PRODUCTS

PRODUCT	LIFTING POWER (TONNES)	LIFTING HEIGHT (CM)	SIZE (CM)	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER PIPE SEALING BAGS

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Due to the numerous application possibilities, sealing bags are used in different branches of industry, such as road construction and civil engineering companies, sewer constructors, water authorities and industry.

Pipe Sealing Bags (1.5 Bar)

RDK 50/100	50 to 100	1.5Bar	181	3503521	1	055
RDK 60/120	60 to 120	1.5Bar	181	3503524	1	055
RDK 80/140	80 to 140	1.5Bar	181	ZV-480006000	1	

Inflation Hoses & Controller (1.5 Bar)

10m Inflation hose 1.5 bar		Yellow		3503283	1	055
10m Inflation hose 1.5 bar		Blue		3590479	1	055
Single Controller 1.5 bar		Fitting control		3590480	1	055

Pipe Sealing Bags (0.5 Bar)

RDK 140/170	140 to 170	0.5Bar	181	ZV-1400000300	1	
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Inflation Hoses & Controller (0.5 Bar)

5m Inflation hose 0.5 bar		Yellow		ZV-0050000701	1	
10m Inflation hose 0.5 bar		Yellow		ZV-0050001801	1	
Single Controller 0.5 bar		Fitting control		ZV-0050000801	1	

AGENCY PRODUCTS

PRODUCT	LIFTING POWER (TONNES)	LIFTING HEIGHT (CM)	SIZE (CM)	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER BYPASS BAGS

Pipe Bypass Bags (1.5 Bar)



If there is a requirement to reroute the sewage from defective piping by bypassing the defective location and letting the sewage flow back into the pipeline behind this location, then bypass bags are the suitable solution due to their largest possible through-flow opening. Only three bypass bags are required for pipe diameters from 100 mm to 1,200 mm (4 inch to 48 inch). The outside thread enables the connection coupling to be freely selectable.

PDK 10/20 PE-core	10 to 20	1.5 Bar	48.5	3503780	1	055
PDK 20/50 PE-core	20 to 50	1.5 Bar	55	3599946	1	
PDK 50/80 PE-core*	50 to 80	1.5 Bar	56.5	ZV-1481006900	1	
PDK 50/120 PE-core*	50 to 120	1.5 Bar	94	ZV-1481008000	1	

* Can be supplied with 6" or 8" duct if required.

Accessories



1. Bypass Adaptor PDK 10/20				3503779	1	055
1. Bypass Adaptor PDF 20/50				ZV-1481001600	1	
2. Fixed coupling 2 1/2" IT				ZV-1700010500	1	
2. Fixed coupling 4" IT				ZV-1700009900	1	
3. Blind coupling with chain 2 1/2"				ZV-1700022400	1	
3. Blind coupling with chain 4"				ZV-1700012600	1	

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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VETTER DECON SHOWER

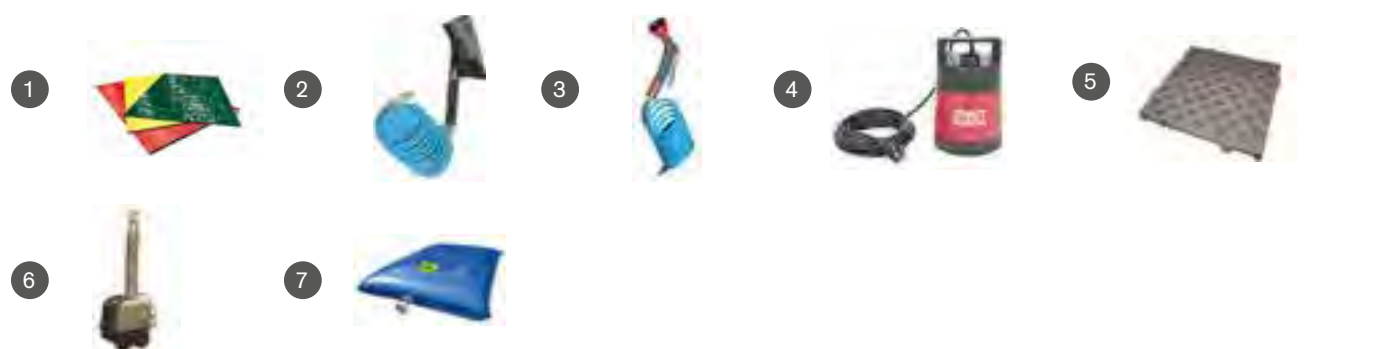
Vetter Decon Shower



Vetter decontamination showers are specially tailored to your mission. Light and mobile, they fit on every emergency vehicle. The fronting basin prevents the spread of contaminated liquids. Clever magnetic fasteners for quick opening and closing of the shower curtain save valuable time in emergencies. With the integrated gloves, you can safely clean contaminated persons from outside. The raised support frame of our decontamination showers allows ergonomic posture while working. Eight movable shower nozzles at various heights guarantee complete cleaning. After cleaning, contaminated liquids can be drained from the inlaid basin without using a submersible pump. With their robust overall construction and special abrasion-resistant undersides, Vetter decontamination showers are especially durable. Extended by universal tent, the shower can also feature areas for dressing and undressing.

Decon Shower Pro with Gloves & Drain	2.76m x 1.56m x 2.2m	ZV-1513001801	1
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Accessories



1. Coloured tarpaulins for decontamination lines PVC, 2.5 x 4m	Yellow	1513002701	1
	Green	1513000901	1
	Red	1513000801	1
2. Decon hand brush		1510001700	1
3. Decon hand shower	with quick-stop function	1510014700	1
4. Waste water pump		1520041600	1
5. Floor grate for shower basins	50 x 50 x 5 cm	1520039000	1
6. Mobile instant water heater	with integrated mixer	1520045400	1
7. Closed water tank 500L		1510008300	1

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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LUKAS

Vehicle Extraction Tools - Battery Powered



Spreader	eDraulic Spreader	ZL-SP333-E2	1
Cutter	eDraulic Cutter	ZL-S312-E2	1
Ram	eDraulic Ram	ZL-R421-E2	1
Combi	eDraulic Combination Tool	ZL-SC358-E2	1
Battery	eDraulics Battery - 5AH	ZL-905311	1
Charger	230V Charger	ZL-172080411	1

AGENCY PRODUCTS

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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HÜND

Dust Monitors



TM Data II - Portable

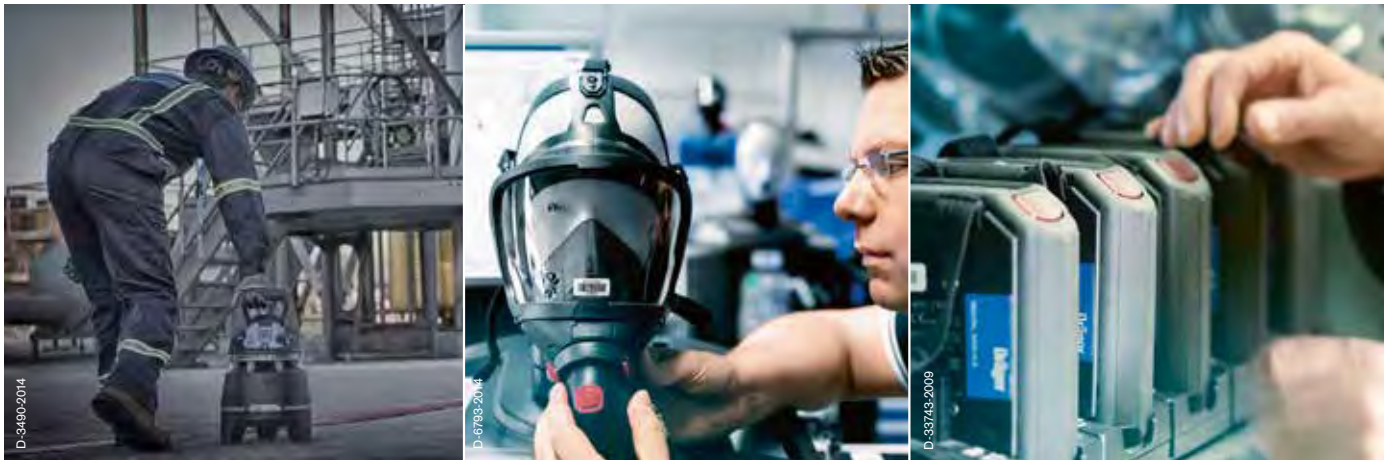
1. TM Data II	Photometric Dust Monitor	3505074	1	055
Data transfer & Software		3505078	1	055
Hand Strap		3505076	1	055
Zero Point Adjuster		3505075	1	055

TM F -Fixed

2. TM-F	Photometric Dust Monitor	3505087	1	055
2. TM-FX	IEC Ex Photometric Dust Monitor	3505111	1	055
Filter capsules	1 set = 5pcs	TBA	1	
Bypass adapter		TBA	1	

SERVICES, TRAINING & RENTAL

SERVICES



DRÄGER SERVICES

You entrust our products with the safety of your employees and systems. That is why Dräger ensure that they are always working properly with services which maintain the value of your investment, minimise downtime and support the efficiency of your processes. We not only know our products, we also know how you use them at work. So we develop individual service solutions which are tailored to meet your requirements.

Accredited & Approved

Dräger Service is accredited by the Dräger factory and its quality assurance accredited to ISO 9001:2015. Dräger Service is also accredited and independently audited by NATA and the Department of Defence for specific functions. Dräger Service maintains all equipment in accordance with the manufacturer's specifications and uses only genuine manufacturer's parts. Service documentation and record keeping is fundamental to our service activities.

Value-Enhancing Measures

One has to be able to rely on safety technology – during the course of everyday operations as well as in critical situations. Care, servicing and maintenance are key factors in this regard – whether you are dealing with a gas measurement device, a respirator or a complete gas warning system. Diligent maintenance and care is also absolutely necessary from an economics perspective. Preventative checks, service procedures and original replacement parts make your investment last longer. The dependable operation of your equipment leads to greater productivity and planning reliability. This however, has associated costs and requires know-how. Finding a cost-effective solution for the required investments is key and we can take care of this work for you to your exact specifications.

We offer a wide range of contract options, from basic maintenance agreements to full service packages or special offers for individual product groups such as gas measurement devices. Our services include:

- Inspection, maintenance and repair
- Installation and commissioning
- Spare parts service
- Regular software maintenance and updates
- Provisioning of loan equipment shop
- We also service non-Dräger equipment

TRAINING



DRÄGER TRAINING

Dräger Academy offers a wide range of training courses that can be tailored to meet your requirements. Training can be delivered face to face onsite or online via our web portal. These courses can be structured to include the use and maintenance of Dräger's complete product range. Dräger offers courses that are aligned to nationally recognised industry standards.

Dräger Academy offers a broad range of training courses that include but are not limited to:

- Confined Spaces
- Gas Testing
- Breathing Apparatus
- Work safely at heights
- Drug & Alcohol instrument training
- Confined Space Rescue
- Respiratory Fit Tester Training
- Rescue at Heights
- Use Fire Extinguishers
- First Aid & CPR

Dräger offers User Training to ensure that all equipment in this catalogue can be used safely and maintained in line with manufacturer's recommendations.

RENTAL



DRÄGER RENTAL & ONSITE SAFETY SERVICES

Rental & Onsite Safety Service

Dräger offers safety solutions to employees and contractors so that they are properly prepared and well equipped to deal with any potential safety related issues. Dräger's hosts a comprehensive range of rental equipment which includes gas detection, drug and alcohol sampling, all forms of breathing apparatus, air compressors, hygiene monitoring equipment and in height safety and rescue equipment. Dräger also offers specialised third party equipment to ensure all your safety needs can be completely met. Our range of state-of-the-art equipment will enable your employees to work safely in an area where dangerous or hazardous materials may be present.

Dräger also provide safety support during shutdowns. Dräger's professionals are well equipped and qualified in carrying out large-scale industrial projects.

Specialist services:

- Emergency service officers (ESO)
- Material Management Solutions
- HSE Managers
- Confined Space Safety Guards
- Gas analysts
- Remote Confined Space Entry Monitoring
- Rescue Coordinators
- Onsite service technicians
- Hygiene Technicians
- Fire Watchers
- Respiratory Face Fit Testing (quantitative)

With over 100 years of providing safety solutions we pride ourselves on being able to work alongside our clients, ensuring seamless operations throughout this important initiative. It's not only our ability to listen, give comprehensive advice, supply the right products and support you without incident; it's also about being flexible and working together to make your site as safe as possible.

DIVING TECHNOLOGY

DIVING TECHNOLOGY

Dräger PSS DIVE EN	570
Dräger Secor 7000	571
Full Face Mask Panorama Nova Dive	572
Divesorb	573

DIVING TECHNOLOGY

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER PSS® DIVE EN



The professional diving apparatus PSS Dive EN is a modular concept, that permits customised configurations. The diving set is an assembly of single components and the total price is the sum of the price of the selected single components. The prices are valid per component and includes the assembly. Please choose your preferred components:

Basic Set				
Dräger PSS® DIVE EN (carrying system)	Carrying system padded carrying system for back mounting with shoulder, waist, crotch and chest strap, drop system for weights and D-rings, retaining strap.	T54210	1	565
Basic unit size M		T54136	1	
Basic unit size L		T54137	1	
Basic unit size XL		T54309	1	
Cylinder retaining strap		T54130	1	596
Cylinder straps				
Cylinder straps for single cylinder 6 L, 7 L, 10 L or 12 L		T54038	1	
Cylinder straps for twin cylinder 6 L, 7 L, 10 L including spacer and elastic		T54039	1	565
Cylinder straps for twin cylinder 12 L including spacer and elastic		T54275	1	
Spacer for duo-cylinder		T54116	1	
Elastic		T14094	1	493
Loop		T50989	1	596
Transport case				
Transport case for PSS Dive EN		T16847	1	565
Buoyancy system				
Buoyancy control bladder 25 L in wing style, lift 210 N		T54036	1	565
Inflator hose 0.78 m for PSS Dive (EN)		T54042	1	565

DIVING TECHNOLOGY

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DRÄGER SECOR 7000

The diving regulator Dräger Secor 7000 was developed for the professional diver. The medium pressure hose can be attached to either side of the 2nd stage to ensure diver comfort. The Secor 7000 integrates perfectly with the Panorama Nova Dive full-face mask. The complete pneumatics can be individually configured by the diver.



- 300 Bar Technology First stage –membrane-controlled –supply pressure compensated –no decline in airflow
- Individual configuration –three high pressure ports and 5 medium pressure ports to connect all our needs –high ability to configure pneumatics assembly
- Second stage –downstream, balanced, and with integrated pressure relief valve –hose connection on both sides –Fits perfectly with the Dräger Panorama Nova Dive

Basic Set				
Dräger Secor 7000 1st Stage	T54400	1	565	
Dräger Secor 7000 2nd Stage	T54400	1	565	
Pressure Gauge 0 – 400 bar,31.50 inch / 0.80 m	T53704	1	565	
Pressure Gauge 0 – 400 bar,47.24 inch / 1.20 m	T53625	1		
Dual Console With Pressure Gauge	T53703	1	976	
Console With 3 Components (Complete)	T54301	1		
Low Pressure Warning	T53615	1		
Inflator Hose 47.24 inch / 1,2 m	T54042	1	565	
Inflator Hose 30.7 inch / 0,78 m	T54188	1	565	
Panorama Nova Dive	T53510	1		
Panorama Nova Dive Sport	T53700	1	565	



DIVING TECHNOLOGY

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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FULL FACE MASK PANORAMA NOVA DIVE



The mask has three Dräger plug-in connections. The central port is designed for connecting the main breathing system. The two side connections may be used for an emergency second stage regulator and a microphone for the communication system. The Panorama Nova Dive features an additional exhalation valve which makes it very easy for the diver to purge water. At the surface the diver can breathe ambient air providing he has not inserted the main breathing system into the mask. This conserves the cylinder air supply until actually needed. As it is positioned close to the face, the new flat visor offers a wide field of vision. This also reduces the volume of air inside the mask, thereby reducing buoyancy. There are two integrated nose pieces in the visor to permit pressure equalisation. The professional diving apparatus PSS Dive EN is a modular concept, that permits customized configurations. May be inserted into the side of the visor as an option. The Panorama Nova Dive also comes with a protective visor for welding; this folds down.

After a dive the mask can be removed by means of the unique quick release system. The Panorama Nova Dive has also been developed for use with rebreathers. For this application the inner mask is replaced by an integrated bite mouthpiece. No connector is provided in rebreather masks for the residual pressure alarm.

For open diving systems				
Panorama Nova Dive Sport		T53700	1	565
Panorama Nova Dive		T53510	1	
For re-breather diving systems				
Panorama Nova Dive R	Magnetic, with mouthpiece for LAR, FGT 5400 please order T- piece additionally	T52730	1	565
Panorama Nova Dive	Mask non-magnetic, mouth piece for LAR/FGT 5400 please order T-piece additionally NATO stock no. 4220-12-363-3235	T16000	1	
Accessories				
T-Piece with valve	to adapt breathing hoses from LAR diving apparatus	T16010	1	
T-Piece with valve	to adapt breathing hoses from FGT 5400 diving apparatus	T16330	1	
Residual pressure warning	complete with pressure switch, connecting hose and warning unit for	T53615	1	
Blank plug for residual pressure warning		T53682	1	596
Spare parts				
Welding visor	for Panorama Nova Dive SW	T54020	1	596
Maskbox II	for transport and storage with carrying strap	R54610	1	428


DIVING TECHNOLOGY

PRODUCT	DESCRIPTION	PART NO	PACKAGING UNIT	PRODUCT GROUP
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DIVESORB®



The soda lime of the DiveSorb® - Family shall be used for the absorption of acid gases, e.g. carbon dioxide, in the field of recreational diving, professional diving, deep diving systems, decompression chambers and submarines.

DiveSorb® Pro				
DiveSorb® Pro (4.5 kg)	packed in plastic canister made from PE-HD NATO stock no: 4240-12-348-4361	6737062	1	454
DiveSorb® Pro (37 lbs/16.8 kg)	packed in plastic canister made from PE-HD	6737818	1	
DiveSorb® Pro (18 kg)	packed in plastic canister made from PE-HD NATO stock no: 4240-12-376-0682	6737109	1	
DiveSorb® S				
DiveSorb® S (18 kg)	Recommended for the use in CO ₂ -absorption systems of submarines. Packed in plastic canister made from PE-HD NATO stock no: 4240-12-362-1841	6737111	1	
One way-cartridge				
	Packed in plastic canister made from PE-HD NATO stock no: 4240-12-362-1841 CO ₂ - Absorber for the Dräger submarine CO ₂ -absorption system NATO stock no: 4240-12-162-7578	CH16720	1	531

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CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53-55
23558 Lübeck, Germany

www.draeger.com

AUSTRALIA

MELBOURNE (HEAD OFFICE)

Dräger Australia Pty. Ltd.
8 Acacia Place
Notting Hill VIC 3168
Tel (Local Toll-free) 1800 372 437
Tel +61 3 9265 5000
customer.service@draeger.com

SALES AND SERVICE CENTRES

ADELAIDE

258 Grange Road
Flinders Park SA 5025

BRISBANE

15/121 Kerry Road
Archerfield QLD 4108

DARWIN

Unit 1, 408 Stuart Hwy
Winnellie NT 0820

KALGOORLIE

184 Hay Street Kalgoorlie
WA 6430

KARRATHA

7/985 Woodbrook Road
Karratha WA 6714

PERTH

72A Irvine Drive
Malaga WA 6090

SYDNEY

37/8 Victoria Avenue
Castle Hill NSW 2155

TASMANIA

For your sales and service requirements in Tasmania, please contact Dräger on 1800 372 437.

NEW ZEALAND

AUCKLAND (HEAD OFFICE)

Dräger New Zealand Ltd.
Unit 4, 24 Bishop Dunn Place
East Tamaki, Auckland 2013
Tel (Local Toll-free) 0800 559 186
Tel (via Australia) +61 3 9265 5000
customer.service@draeger.com

WELLINGTON

Unit 3, Parkhead Court
33 Pito-One Road Korokoro,
Lower Hutt 5012

Locate your Regional Sales Representative at:
www.draeger.com/contact

