

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.

The face cuff on the Dräger CPS 6800 offers flexibility when choosing the full face mask

Alternatively, the Dräger CPS 6800 is also available with a permanently integrated Dräger Panorama Nova full face mask. The optimized hood design increases comfort when wearing a helmet.

The optional braces significantly increase wearing comfort.

The RV PT 120 L is an adjustable ventilation unit for cooling the suit interior.

The patented Dräger glove joint allows gloves to be changed quickly and without tools.

- Integrated safety boots make donning easier.
- Alternatively, gas-tight socks offer flexibility in the choice of boots.

D-90754-2013

Benefits

Gas-tight suit

- SCBA worn over the protective suit
 - five suit sizes (S-XXL)
 - diagonal zipper for donning without assistance
 - suit material Umex, reusable
-

Outstanding protection

With its external self-contained breathing apparatus the gas-tight Dräger CPS 6800 protects against gaseous, aerosol-based, liquid and solid hazardous substances. The Umex suit material guarantees mechanical strength and provides maximum wearing comfort. The outstanding flexibility of the material makes the reusable suit ideal for handling cryogenic media and working in cold environments.

Perfectly adapted to your needs

The Dräger CPS 6800 is equipped with a radio pocket and has a gas-tight Polyurethane (PUR) closure system. Safety gloves and safety boots are connected to the suit in a gas-tight manner and can be easily replaced. As an alternative to the securely attached safety boots, the suit can also be equipped with securely attached and gas-tight socks. Alongside the integrated full face mask, the Dräger CPS 6800 also allows for the fitting of a flexible, gas-tight face cuff. This allows you to easily switch between full face masks for a single suit.

The integrated regulation valve PT 120 L gives the Dräger CPS 6800 an optional ventilation system for easy connection to various air sources. This allows the wearers to cool themselves down in order to reduce humidity in the suit.

Snug, flexible and comfortable

The Dräger CPS 6800 guarantees wearing comfort, even during difficult work in hazardous areas. The CPS 6800 provides maximum freedom of movement with its innovative ergonomic cut in five different suit sizes. In addition, the light and soft suit material adapts perfectly to your movements and offers outstanding flexibility. Optional individually adjustable braces provide the user with even more wearing comfort and ensure a better fit.

Always ready for use with low service expenses

Regular inspection expenses have been considerably reduced by the new service concept. Any repairs and maintenance work can of course be carried out by Dräger – but equally, be independently performed by your own service personnel. The suit can be easily cleaned and disinfected over its service life of up to ten years.

System Components

D-0915-2019



Dräger 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 that enables you to breathe more easily and for longer.

D-0427-2019



Dräger HPS® SafeGuard

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.

ST-3560-2003



Dräger PAS® AirPack 1

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.

ST-529-2006



Dräger PAS® AirPack 2

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.

Accessories



D-4802-2010

Dräger Regulation Valve PT 120 L

Pass thru offering cooling effect on the body and additional breathing air from external sources.



2-321-95

PVC boots

Safety boots made from PVC with steel toecap and steel sole in sizes 43 to 48.



ST-6185-2006

Gas-tight gloves

Made from butyl (IIR), fluoroelastomer (FKM), or FKM-IIR, in sizes 9 to 11.



D-4904-2010

Laminate + Tricotril combination

Combining mechanical and chemical protection in one – offering high sensitivity, in sizes 10 to 11.

Related Products

D-4598-2010



Dräger CPS 7900

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.

D-44231-2012



Dräger CPS 7800

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.

D-90414-2013



Dräger CPS 6900

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.

ST-618-2008



Dräger WorkMaster Industry

Particularly resistant against alkaline solutions and acids. The chemical protection suit WorkMaster Industry provides reliable protection during tank and boiler cleaning, during maintenance and repair work in narrow spaces or refineries, during chemical transports, cleanup operations and many other dangerous types of work.

Technical Data

Approvals	PPE Regulation (EU) 2016/425	Requirements for Personal Protective Equipment
	EN 943-1	EU requirements for gas-tight protection suits for industrial applications
	EN 1073-1	Protection against contamination from radioactive particles
	EN ISO 13688	Protective Equipment - general requirements
	EN 14126	Protection against contamination by pathogens
	EN 14593-1	Supplied by an air line breathing apparatus with lung demand valve
	EN 14594	Supplied by an air line breathing apparatus with constant air flow
	ISO 16602	International requirements for chemical protective suits
	SOLAS	Requirements for the use on deep-sea vessels
Temperature:	-30 °C to +60 °C	in use (for short-term exposure up to -80 °C)
	-5 °C to +25 °C	during storage
Weight:	With face cuff and socks	approx. 2.9 kg without accessories
	With face cuff and boots	approx. 5.4 kg without accessories
	With full face mask and socks	approx. 3.5 kg without accessories
	With full face mask and boots	approx. 6 kg without accessories

CHEMICAL TESTS

Chemical	Permeation time (min) ¹	Chemical	Permeation time (min) ¹
Ammonia	> 480	Caustic soda (40 %)	> 480
Chlorine	> 480	n-heptane	> 480

For further resistance values, go to www.draeger.com/voice

¹) Time according to DIN EN ISO 6529:2003-01 up to permeation speed of 1.0 µg/cm²/min

Ordering Information

Dräger CPS 6800	Red (Umex material)	R 29 460
Sizes	S: heights between 1.50 m to 1.65 m M: heights between 1.60 m to 1.75 m L: heights between 1.70 m to 1.85 m XL: heights between 1.80 m to 1.95 m XXL: heights between 1.90 m to 2.05 m	Required components
Integrated boots or socks	Safety boots: sizes 43 to 50 Gas-tight socks in three sizes: 40 to 50	Required components
Gloves	Butyl glove (IIR): sizes 9 - 11 Fluoroelastomer glove (FKM): sizes 9 - 11 Fluoroelastomer-Butyl glove (FKM-IIR): sizes 9 - 11 Laminate + Triotril glove combination: sizes 10 + 11	Required components

Ordering Information

	Laminate + Butyl glove combination: sizes 9 - 11	
Face connection	Face cuff (gas-tight) Integrated full-face mask	Required components
Glove accessories	Cotton gloves	Required components
Ventilation	Regulation valve PT 120 L	Additional components
Individually adjustable	Braces	Additional components
Wearing comfort	Transportation bag	Additional components
	CPS storage and carry bag	
	Storage box	
Customised printing	On the thigh, lower front arm or rear upper arm in various colours	Additional components

The modular system allows the protective suit to be adapted to the customer's individual requirements.

Tricotril® is a registered trademark of KCL GmbH

K-MEX® is a registered trademark of KCL GmbH

Notes

Not all products, features, or services are for sale in all countries.
Mentioned Trademarks are only registered in certain countries and not necessarily in the country in which this material is released. Go to www.draeger.com/trademarks to find the current status.

CORPORATE HEADQUARTERS

Drägerwerk AG & Co. KGaA
Moislinger Allee 53–55
23558 Lübeck, Germany
www.draeger.com

REGION DACH

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION EUROPE

Dräger Safety AG & Co. KGaA
Revalstraße 1
23560 Lübeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
info@draeger.com

REGION MIDDLE EAST, AFRICA

Dräger Safety AG & Co. KGaA
Branch Office
P.O. Box 505108
Dubai, United Arab Emirates
Tel +971 4 4294 600
Fax +971 4 4294 699
contactuae@draeger.com

REGION ASIA PACIFIC

Draeger Singapore Pte. Ltd.
61 Science Park Road
The Galen #04-01
Singapore 117525
Tel: +65 6872 9288
Fax: +65 6259 0398
asia.pacific@draeger.com

REGION CENTRAL AND SOUTH AMERICA

Dräger Indústria e Comércio Ltda.
Al. Pucurui - 51 - Tamboré
06406-100 - Barueri - SP
Tel. +55 (11) 4689-4900
relacionamento@draeger.com

Locate your Regional Sales
Representative at:
www.draeger.com/contact

