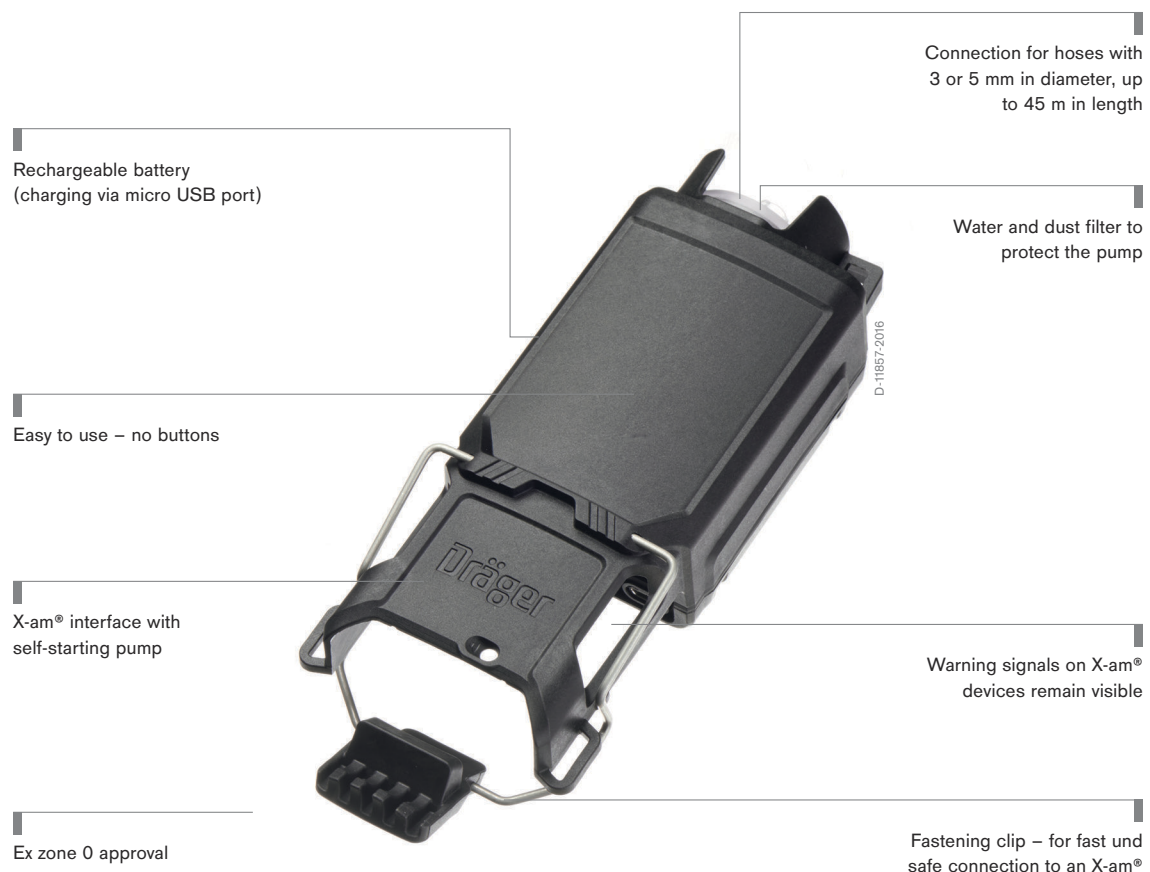


Dräger X-am® Pump External pump for multi-gas detectors

The Dräger X-am® pump is an external pump for the portable gas detectors Dräger X-am® 2500, 5000, and 5600 – designed for clearance measurement, for example in tanks and shafts. The pump automatically switches on when it is connected to a running X-am® device. The change from pump mode to diffusion mode is fast and easy.



Benefits

Easy to use

The pump is attached onto the X-am 2500/5000/5600 and fastened with a clip. Pumping starts automatically once pump and running gas detection device are connected. The pump turns off automatically once it is removed from the device. Using the X-am with the pump has no effect on the measuring performance for standard gases.

Charging via USB

The pump battery can be recharged using the micro USB port. A standard cellphone charger can be used for connecting. The charge status is indicated by an LED on the pump. A full charge requires approximately six hours.

Handy and robust

The pump's easily manageable 17.5 cm device height and a weight of only 200 g permit easy carrying and stowage. The Dräger X-am pump is dust and water resistant according to the IP67 protection classification. It performs reliably even at temperatures down to -40 °C. The battery is solid cast to protect against damage due to dropping or impact.

Effective range of measuring results: with explosion protection

The pump can reach the ambient atmosphere in inaccessible places – up to a distance of 45 m, e.g. in channels, shafts, or tank systems. The pump has been optimised for hoses with a diameter of 3 mm – for fast response times and low power consumption.

The use of the pump in combination with a X-am device ensures you of consistently precise measuring results – even in the most demanding situations. Because the pump has an explosion protection approval for Ex zone 0. In combination with the Dräger X-am 2500/5000/5600, which are likewise approved for Ex zone 0, the X-am pump allows for secure and continuous monitoring of enclosed areas.

Long operating time for long deployments

The pump is not only highly resilient on the outside but also inside. The battery capacity lasts for three workweeks at 8 measurements per day (i.e. up to 20 hours of continuous operation). Convenient: The operating time of the X-am is not decreased when the pump is in operation. Moreover, the entire pump operating time can be evaluated using CC-vision software.

Data logger

Pump operating time, charge status, battery warnings, and flow alarm are displayed on the Dräger X-am and stored in the data logger. This makes it possible to display the results of the clearance measurements separate from the evaluations of personal monitoring.

System Components



D-45938-2015

Dräger X-am® 2500

The Dräger X-am® 2500 was especially developed for use as personal protection. The 1 to 4 gas detector reliably detects combustible gases and vapours, as well as O₂, CO, NO₂, SO₂ and H₂S. Reliable and fully mature measuring technology, durable sensors and easy handling guarantee a high degree of safety with extremely low operating costs.



D-45939-2015

Dräger X-am® 5000

The Dräger X-am® 5000 belongs to a generation of gas detectors, developed especially for personal monitoring applications. This 1- to 5-gas detector reliably measures combustible gases and vapors as well as O₂ and harmful concentrations of toxic gases, organic vapors, Odorant and Amine.



D-27784-2009

Dräger X-am® 5600

Featuring an ergonomic design and innovative infrared sensor technology, the Dräger X-am® 5600 is the smallest gas detection instrument for the measurement of up to 6 gases. Ideal for personal monitoring applications, this robust and water-tight detector provides accurate, reliable measurements of explosive, combustible and toxic gases and vapors as well as oxygen.



D-4701-2017

X-am® CSE-Kit

It consists of an X-am® pump with USB charger, telescopic and float probe, 5 m FKM hose, 3 m transparent PVC Tygon® hose, gasing adapter, charging cradle for the X-am, pressure reducer for test gas and DIRA adapter for a read out of the data logger.

Accessories



Float probe

For clearance measurement, for example in tanks and shafts.



Telescopic probe ES 150

For leak detection. A probe made of stainless steel extendable to 1.5 m with FKM grade hose.



USB power supply



Case for Dräger X-am® Pump

The carrying case for the Dräger X-am® contains the shoulder strap and has room for storing the power cord, charging unit, and hose.

Accessories



D-4777-2017

Shoulder strap

Shoulder strap with two spring hooks for the X-am® pump.



D-4704-2017

CSE Set X-am® Pump

The CSE Set X-am® Pump contains pump, float probe, 5 m FKM hose and shoulder strap.



D-4735-2017

5 m FKM hose (diameter 3 mm)

The solvent-resistant FKM hose with a diameter of 3 mm speeds up flushing time and saves weight. It is available by the metre or with suitable fittings for water and dust filter as well as probes.



D-4728-2017

Leather case

Protects X-am® and pump. Belt-loop on back side. X-am® can be removed separately from pump.

Services

D-2331-2016



Product Service

Our product service department supports you with a range of service packages – in our shops or on site in your plant. Care, servicing and maintenance are key factors when it comes to safety. Diligent maintenance and care is also absolutely necessary from an economics perspective. Preventive checks, service procedures and original replacement parts make your investment last longer.

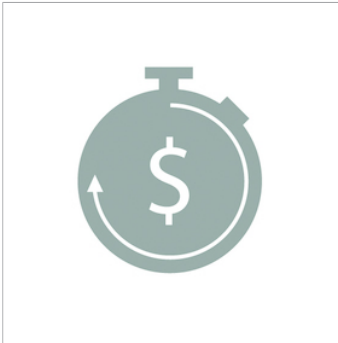
D-2335-2016



Training

The Dräger Academy has imparted well-founded and practical knowledge for over 40 years. With over 110 authorized trainers and more than 600 available topics, we conduct more than 2,400 training sessions per year. We equip your employees with the knowledge required for real-life situations and ensure that the learned material can be recalled and applied reliably – in their everyday work and especially in stressful situations. To meet your needs, we are also happy to develop a customized training program specifically for you.

D-2330-2016



Rental Service

From bridging a temporary shortage of equipment to procuring special equipment for applications involving specific requirements: If you only need to cover a temporary higher demand, then Dräger Rental Service with over 65,000 pieces of rental equipment is an economical alternative to purchasing. Fast, straightforward and with a wide range of additional services available upon request.

Technical Data

Dräger X-am® Pump

Dimensions	67 x 175 x 38 mm (without X-am®), 67 x 220 x 55 mm (with X-am®)
Weight	approx. 200 g
Operating temperature	-20 °C to 50 °C (briefly -40 °C)
Temperature when charging	0 – 35 °C
Charging time	< 6 hours
Operating time	Up to 20 hours, depending on type of application and temperature
Maximum hose length	45 m
Air flow volume	0.4 L/min
Storage temperature	Up to 1 month -20 °C to 60 °C, otherwise -20 °C to 45 °C
pressure	700 to 1,300 hPa
Air humidity	0 to 95 % RH
IP protection class	IP67
Approvals	c_CSA_us ATEX/IECEX (Zone 0 T4 and M1) DNV-GL CE label

Ordering Information

	Order No.
Dräger X-am® Pump	83 27 100
Dräger X-am® Pump incl. USB charger and shoulder strap	83 27 115
USB power supply	83 27 102
Shoulder strap	83 19 386
Leather case	83 27 103
Case for Dräger X-am® Pump	83 27 104
CSE Set Dräger X-am® Pump	83 27 105
Dräger X-am® CSE-Kit	83 27 106
USB 10x Multi-Charger	83 27 113
Filter with hose connector (3 mm and 5 mm)	83 19 364
Spare part clip	56 00 956
Telescopic probe ES 150	83 16 533
Float probe	83 27 654
5 m FKM hose (diameter 3 mm)	83 25 705

Notes

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