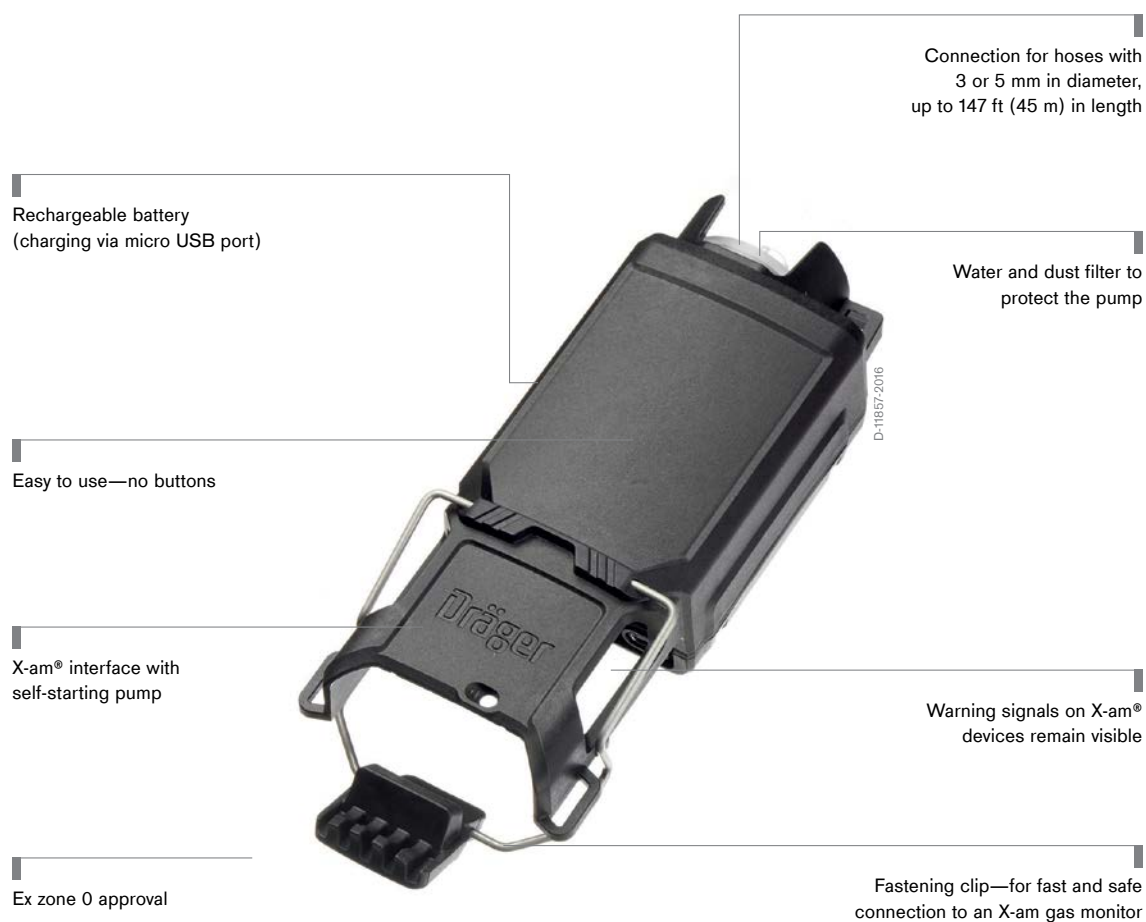




Dräger X-am® Pump

The Dräger X-am® Pump is an external pump for the Dräger X-am® 2500, 2800, 5000, 5600, and 5800 multigas monitors. The Pump is designed for clearance measurement, continuous monitoring, and personal use. The Pump automatically switches on when it is connected to an operating X-am® device. The user can easily switch from diffusion to pump mode in less than 60 seconds.

Dräger X-am® Pump



D-11857-2016-pi.indd

Benefits

Easy to use

The pump is attached on the X-am 2500, 2800, 5000, 5600, and 5800 gas monitors and fastened with a clip. Sampling starts automatically once the pump and operating gas detection device are connected. The pump turns off automatically once it is removed from the device.

Charging via USB

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

Handy and robust

The pump is easy to carry and store because of the compact dimensions. The Dräger X-am pump is dust and water resistant according to the IP67 protection classification and it performs reliably even at temperatures down to -40 F/C . The battery is also protected against damage due to dropping or impact.

Effective range of measuring results: with explosion protection

The pump can reach inaccessible places– up to a distance of 147 ft (45 m), ex: manholes, vaults, pits, silos, pipes, tunnels, or tank systems. The pump has been optimized 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 precise measuring results– even in the most demanding situations. The pump is also certified for use in Class 1 Zone 0.

Long operating time for long deployments

The pump has a rugged interior and exterior frame for contentious use. The battery capacity lasts up to 20 hours of continuous operation and is independent of the X-am monitors.

Data logger

Pump operating time, charge status, battery warning, and flow alarm are displayed on the Dräger X-am monitors and stored in the data logger. This feature displays the results of the clearance measurements separate from the evaluations of personal monitoring.

System Components

D-2754-2018



Dräger X-am® 2500

Dräger's X-am® 2500 accurately detects combustible gases, O₂, CO, NO₂, SO₂ and H₂S and is the only 1–4 gas monitor you need in industrial and refinery applications. The X-am® 2500 combines reliable sensor technology with long battery life and intuitive operation in an instrument that defines safety. It is approved for most markets including mining, oil & gas, chemical, fire and hazardous response, government and many other applications.

D-7283-2021



Dräger X-am® 2800

The X-am 2800 multi-gas detector measures up to four gases and is equipped with a shock-resistant CatEx SR sensor. With the Dräger Gas Detection Connect software, it offers live monitoring and powerful fleet management. Designed for personal monitoring, the X-am 2800 offers the highest level of safety at a low cost of ownership.

D-14325-2017



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. It is approved for most markets including mining, oil & gas, chemical, fire and hazardous response, government and many other applications.

D-23437-2009



Dräger X-am® 5600 Personal Monitor

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.

System Components

D-9538-2022



Dräger X-am® 5800

The X-am® 5800 multi-gas detector measures up to six gases and is equipped with a shock-resistant CatEx SR sensor. With the Dräger Gas Detection Connect software, it offers live data transmission and powerful fleet management. Designed for personal monitoring, the X-am 5800 offers the highest level of safety at a low cost of ownership.

Accessories

D-4741-2017



Float probe

For clearance measurement, such as tanks, manholes, vaults, pits, silos, pipes, tunnels, or tank systems.

D-4747-2017



Telescopic probe

Provides extended 5 ft (1.5 m) reach for remote sampling.

Accessories

D-4706-2017



Case

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

D-4717-2017



Shoulder strap

Provides a secure attachment for the X-am monitors.

D-4735-2017



16 ft (5 m) hose (diameter 0.12 in/3mm)

The solvent-resistant FKM hose speeds flushing time and saves weight.

D-4728-2017

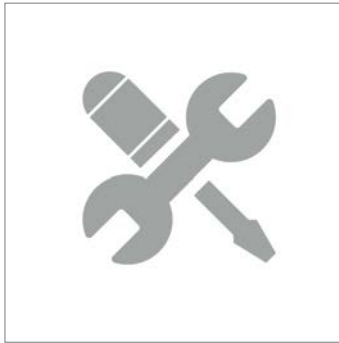


Leather case

The leather case is designed to protect the X-am® device and pump. It is equipped with a belt loop on the reverse and can be used to support the pump when it separated from the X-am®.

Services

D-2331-2016



Product Service

Our product service provides support with different service packages– in our workshops or directly on your premises. Care, maintenance and servicing are crucial for safety and reliability– but careful maintenance and care are a must, even when it comes to commercial considerations. Preventive checks, ongoing care and use of original replacement parts improve the longevity of your investment.

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 people with the knowledge they need for real-life situations and make sure they will be able to recall and readily apply that knowledge in their everyday work—especially in stressful situations. If you have specific needs, we can develop a customized training program to meet your individual requirements.

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 a economical alternative to purchasing. Fast, straightforward and with a wide range of additional services available upon request.

Technical Data

Dräger X-am® Pump

| | |
|---------------------------|--|
| Dimensions | 2.6 x 6.8 x 1.5 in (67 x 175 x 38 mm)(without X-am®) 2.6 x 8.6 x 2.2 in (67 x 220 x 55 mm) (with X-am®) |
| Weight | approx. 7 oz (200 g) |
| Operating temperature | -4 F to 122 F (briefly -40 F) -20 °C to 50 °C (briefly -40 °C) |
| Temperature when charging | 95 F (0– 35 °C) |
| Charging time | < 6 hours |
| Operating time | Up to 20 hours, depending on type of application and temperature |
| Maximum hose length | 147 ft (45 m) |
| Air flow volume | 0.4 L/min |
| Storage temperature | Up to 1 month -4 F to 140 F (-20 °C to 60 °C) , otherwise -4 F to 113 F (-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 incl. USB charger and shoulder strap | 83 27 115 |
| USB power supply (Pn 83 27 108 is required) | 83 27 102 |
| USB 2.0 Cable (Pn 83 27 102 is required) | 83 27 108 |
| Shoulder strap | 83 19 386 |
| Leather case | 83 27 103 |
| Case for Dräger X-am® Pump | 83 27 104 |
| Filter with hose connector (3 mm and 5 mm) | 83 19 364 |
| Telescopic probe ES 150 | 83 16 533 |
| Float probe; Clear with connector | 83 27 654 |
| 5 m (16 ft) FKM hose (diameter 3 mm) | 83 25 705 |

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