

► X-am® Pump

External pump for X-am gas detectors

X-am 2500/5000/5600
detectors compatible



Technical specifications

Dimensions: 67 x 175 x 38 mm (without X-am)
67 x 220 x 55 mm (with X-am)

Weight: aprox. 200 g

Operating temperature: -20° to 50°C (briefly up to -40°C)

Charging temperature: 0° to 35°C

Charging time: < 6 hours

Autonomy: up to 20 hours, depending on use and temperature

Maximum hose length: 45 m

Air flow: 0,4 L/min

Storage temperature: up to a month between -20°C and 60°C, or from -20°C to 45°C

Pressure: 700 to 1 300 hPa

Humidity: 0 to 95 % H. R.

Protection class: IP67

Certifications:

- c_CSA_us
- ATEX/IECEx (Zone 0 T4 and M1)
- DNV-GL
- CE marking

Product description

The **Dräger X-am pump** is an external pump that attaches to the **X-am 2500, 5000 and 5600** portable gas detectors. It has been designed to perform access clearance measurements before entering a confined space.

► Connection in one move

By means of a clamp on the back of the **X-am pump**, it attaches easily to gas detectors and pumping starts automatically. The same way, it automatically turns off when removed from the detector. Detectors maintain the same gas measurement performance whether or not they are associated to the **X-am pump**.

► USB charging and long battery life

Thanks to its micro USB charging port, it can be recharged using a standard phone charger. A LED indicator on the pump indicates the battery charge. It takes about 6 hours for the battery to be fully charged. It gets a 20 hours continuous operation autonomy. Thanks to its battery, using the pump does not impact the X-am detectors' autonomy.

► A robust and practical pump

Waterproof and dustproof with an IP67 protection rating, it is reliable down to -40°C and its battery is resistant to drops and shocks. The X-am pump weighs only 200g and is easy to transport. Able to reach spaces located at a 45m distance, the pump is designed for 3mm diameter hoses which makes it possible to reach and safely monitor confined spaces without losing measurement precision. ATEX certified, the **X-am pump** is suitable for Ex 0 zones and can adapt to the most demanding situations.

► Recorded data

All measurement and device status elements are both visible on the X-am gas detector screen but are also stored in the data logger. Access authorization measurements results and individual monitoring assessments are therefore displayed separately, which allows for better monitoring.



Sensors references



Gas	Measuring range	Resolution	Part Number
Ex (Cathalytic)	0 - 100 % LIE 0 - 100 % vol. CH4	1 % LIE	68 12 950
Amine	0 - 100 ppm	1 ppm	68 12 545
Cl2	0 - 20 ppm	0,05 ppm	68 10 890
CO	0 - 2 000 ppm	2 ppm	68 11 882
CO / 5 years lifetime	0 - 2 000 ppm	2 ppm	68 11 212
CO / H2 compensated	0 - 2 000 ppm	2 ppm	68 11 950
CO / Hight concentration	0 - 10 000 ppm	5 ppm	68 12 010
CO / H2S	0 - 2 000 ppm CO 0 - 200 ppm	2 ppm 1 ppm	68 11 410
CO2	0 - 5 %/vol.	0,1 %/vol.	68 10 889
COCl2	0 - 10 ppm	0,01 ppm	68 12 005
H2	0 - 2 000 ppm	5 ppm	68 12 370
H2 / Hight concentration	0 - 4 %/vol.	0,01 %/vol.	68 12 025
H2S	0 - 200 ppm	1 ppm	68 10 883
H2S / 5 years lifetime	0 - 200 ppm	1 ppm	68 10 213
H2S / Low concentration	0 - 100 ppm	0,1 ppm	68 11 525
H2S / Hight concentration	0 - 1 000 ppm	2 ppm	68 12 015
HCN	0 - 50 ppm	0,1 ppm	68 10 887
HCN	0 - 50 ppm	0,5 ppm	68 13 165
NH3	0 - 300 ppm	1 ppm	68 10 888
NO	0 - 200 ppm	0,1 ppm	68 11 545
NO2	0 - 50 ppm	0,1 ppm	68 10 884
NO2 / Low concentration	0 - 50 ppm	0,02 ppm	62 12 600
O2	0 - 25 %/vol.	0,1 %/vol.	68 12 881
O2 / 5 years lifetime	0 - 25 %/vol.	0,1 %/vol.	68 12 211
O2	0 - 100 %/vol.	0,5 %/vol.	68 12 385
O3	0 - 10 ppm	0,01 ppm	68 12 005
Odorant	0 - 40 ppm	0,5 ppm	68 12 535
OV	0 - 200 ppm	0,5 ppm	68 11 530
OV-A	0 - 200 ppm	1 ppm	68 11 535
PH3	0 - 20 ppm	0,01 ppm	68 10 886
PH3	0 - 2 000 ppm	1 ppm	68 12 020
SO2	0 - 100 ppm	0,1 ppm	68 10 885

Items references

Designation	Reference
X-am 5000 detector with support CD and conformity and calibration certificates	83 20 000
Standard charging kit with charging module and individual power supply (universal)	83 18 785
Dräger X-am® 1/2/5x00 external pump	83 27 115
Confined space entry kit with external pump and 3 meters hose	83 27 117
Carrying case for Dräger X-am® 1/2/5x00 external pump (empty)	83 27 104
Dräger GasVision7	83 25 646
DIRA USB kit with USB wire and IR communication adaptor	83 17 409

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