

ONE- TO SEVEN-GAS DETECTOR, PERFECT FOR TAKING CONFINED SPACE CLEARANCE MEASUREMENTS.

The Dräger X-am 8000 detector has a very powerful pump. It can be connected to hoses of up to 45 metres in length. A pump adapter makes it easy to switch between diffusion and pump mode at any time. This means the pump is only in use when you actually need it. This saves the battery and reduces wear and tear, extending the service lifetime of the pump.

Practical and robust, with its three-button operation the Dräger X-am 8000 is intuitive to use and can be operated with just one hand. The easy-to-read colour display clearly lays out all the information you need.

Standard accessories include a sturdy shoulder strap so you can comfortably carry the device around. With its compact and robust design, the device can withstand even the harshest conditions.



TECHNICAL DATA

Size:

6.7 x 2.8 x 1.7 in. (17.9 x 7.7 x 4.2 cm)

Weight:

± 1,1 lbs (495 g) depending on sensor configuration, without strap and pump
± 1,2 lbs (550 g) depending on sensor configuration, with strap and pump

Temperature: -4 to +122 °F (-20 to +50 °C)

Pressure: 700 to 1,300 mbar

Humidity: 10 to 90% relative humidity

Alarms: Visual (3 LED Red, 3 LED Yellow), Audible (100 dB) and Vibration alarms

Data storage: 12 MB, e.g. at 10 minutes per hour of gas exposure with measuring values changing by the second on all 7 channels: approx. 210 hours

Operating time: ± 10 hrs charging times in 4 hrs

Operating times (Diffusion):

With CatEx and 3 EC sensors: Typically 24 hours
With IR and 3 EC sensors Typically: 22 hours
With 3 EC sensors Typically: 120 hours
With CatEx, PID and 3 EC sensors Typically: 17 hours
With IR, PID and 3 EC sensors: Typically 16 hours
With CatEx-, IR- and 3 EC sensors: Typically 14 hours
PID only: Typically 42 hours

Protection Class: IP67

Pump operation: Max. hose length 45 m

Approvals:

ATEX / IECEx I M1, II 1G, Ex da ia I Ma, Ex da ia IIC T4 Ga
MED : Marine Equipment Directive (Directive 2014/90/EU)
CE mark : Electromagnetic compatibility - Directive 2014/30/EU

Warranty: 3 years for the device, 1 year for the power supply

SENSORS SPECIFIC TO THE X-AM 8000:

The X-am 8000 detector is compatible with all sensors for the X-am 5000 and X-am 5600 models.

You can choose to equip the X-am 8000 with a PID HC sensor or a PID-LC ppb sensor so you can accurately measure VOCs, even in low concentrations.

PID sensor	Measuring Range	Resolution
DrägerSensor PID LC ppb (10.6eV)	0.05-10 ppm Isobutene 0-5 ppm Benzen	depending on gas value, starting with 10 ppb
DrägerSensor PID HC ppb (10.6eV)	0-2,000 ppm Isobutene 0-1,000 ppm Benzene	depending on gas value, starting with 0.1 ppm

The device's integrated gas library makes it easy to switch from one substance to another. The device's integrated gas library makes it easy to switch from one substance to another.

THE DEVICE IS DELIVERED WITH:

A battery (lithium-ion), a data logger, a shoulder strap, a certificate of compliance, a calibration certificate and a charger (optional). It can also be equipped with an integrated pump (optional).

The device can be equipped with up to five sensors in the following combinations:

Slot 1: PID or IR sensor	Slot 2: IR or CatEx sensor	Slot 3 to 5: electrochemical sensors (XXS format)
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