

# Dräger X-am 3000



ST-288F-2003

Dräger X-am 3000 is an innovative 3- or 4 gas warning-device. This small and lightweight instrument reliably monitors H<sub>2</sub>S, CO, O<sub>2</sub> and combustible gases in ambient air.

Its compact design combined with state of the art electronics ensures that it is ideally suited for gas detection requirements in all applications and industries.

### Rugged and Durable

Protection against dust and water is standard and ensures reliable operation in all environments. The optional rubber-boot gives additional protection for the Dräger X-am 3000 from bumps and hits.

### Easy to use

A large display enables the easy identification of the measured values. The simple 3-button operation and an easy to use menu ensure intuitive operation. The visible menu makes selecting and performing other functions quick and simple. After switching on the Dräger X-am 3000, it performs a self-test.

### Intelligent Sensors

The precalibrated electrochemical sensors, and the catalytic sensor are automatically recognized and provide precise and reliable measuring results. All Dräger sensors show a fast and accurate response to changing gas concentrations.

### Distinctive Alarms

In addition to a very loud audible alarm and a visual alarm, a vibrating alarm is integrated in the instrument. The functionality and the battery status are monitored continuously and will, if necessary generate an alarm. TWA and STEL are also evaluated. Different alarm cadences indicate pre and main alarm conditions.

### Optional Built-in Pump

An optional internal pump which can be used together with 20 m / 66 ft. tubing is ideal for confined space applications. A convenient pump adaptor makes it easy to switch between pump and diffusion mode.

### Meet individual power requirements

NiMH and alkaline batteries are available and can be interchanged. There are different charging options, including a car charger, to meet your specific requirements.

ST-109-2004



**Dräger X-am 3000:** Designed for the harshest industrial environments.

### Useful software functions

A life signal assures full functionality of the instrument without a visual check by the operator.

Even if the peak value disappeared before it could get registered, the Dräger X-am 3000 can recall all maximum values.

When using a defined gas mixture, the instrument can be calibrated by pressing a single button.

### Datalogger Option

Dräger X-am 3000 can be fitted with a datalogger which records gas concentrations and alarms for 60 hours.

### Approvals

Dräger X-am 3000 has worldwide approvals: ATEX, UL, CSA and IECEx.

#### DrägerSensors:

Fast, accurate and reliable

#### Alarm functions:

Audible, visual and vibrating alarm

#### Large display:

All values and status information at a glance

#### Robust enclosure:

Compact, rugged and waterproof



## ORDER INFORMATION

Dräger X-am 3000, Ex, O <sub>2</sub> , basic unit with pump, pump- and calibration adapter.		83 17 730
<ul style="list-style-type: none"> <li>In order to get a fully operational unit a 3<sup>rd</sup> sensor and a power pack have to be ordered.</li> <li>To include other built-in options a 4<sup>th</sup> sensor or a datalogger can be ordered.</li> </ul>		
Dräger X-am 3000, Ex, O <sub>2</sub> , basic unit with calibration adapter, without pump		83 17 740
<ul style="list-style-type: none"> <li>In order to get a fully operational unit a 3<sup>rd</sup> sensor and a power pack have to be ordered.</li> <li>To include other built-in options a 4<sup>th</sup> sensor or a datalogger can be ordered.</li> </ul>		
DrägerSensor H <sub>2</sub> S	0 to 100 ppm	68 10 032
DrägerSensor CO	0 to 1000 ppm	68 10 030
NiMH-power pack		83 17 709
Alkaline-power pack		83 17 716
Datalogger, installed option		
Nylon carrying case		83 17 720
Leather carrying case		83 17 726
Rubber-boot		83 17 727
Pump adapter		83 17 328
Charging module with power supply UK		83 17 761
Charging module with power supply US		83 17 762
Charging module with power supply EUR		83 17 763
Charging module with power supply AUS		83 17 752
Adapter for vehicles		83 17 754
E-Cal Module		83 17 719
GasVision, data display software		83 14 034
CC-Vision, calibration and configuration software		64 08 515



**Dräger X-am 3000:**  
Optional internal pump – ideal for confined space applications.



**Dräger X-am 3000:**  
All menu functions on one level.

## TECHNICAL DATA

Size (h x w x d, approx.)		90 x 140 x 55 mm, 3.5" x 5.5" x 2.2"
Weight (approx.)		550 g, 20 oz.
Ambient conditions	Temperature	- 20 to + 55 °C; - 5 to + 130 °F short term - 40 to + 55 °C; - 40 to + 130 °F
	Pressure	700 to 1300 hPa, 20.7 to 38.4 inch Hg
	Humidity	10 to 95 %RH
Enclosure rating		IP 65
Typical battery life	Alkaline	> 24 hours (diffusion mode) > 12 hours (pump mode)
	NiMH	> 18 hours (diffusion mode) > 12 hours (pump mode)
Audible alarm		> 90 dB (A) at a distance of 30 cm; 1 ft.
Charging time		< 4 hours
Pump mode		maximum length of tubing 20 m
Approvals	ATEX	II 2G EEx ia d IIC T4; - 25 ≤ Ta ≤ + 55 °C (rechargeable) - 25 ≤ Ta ≤ + 50 °C (Alcaline) I M2 EEx ia d I
	UL	Class I, Div 1, Group A, B, C, D; Temp Code T4
	CSA	Class I, Div 1, Group A, B, C, D; Temp Code T4
	IECEX	Ex ia d I/IIC T4; - 25 ≤ Ta ≤ + 55 °C (rechargeable) - 25 ≤ Ta ≤ + 50 °C (Alcaline)
	CE-mark	electromagnetic compatibility (directive 89/336/EEC)



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