

# Dräger X-am 3000



ST-2881-2003

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.

### 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 10 m / 33 ft. tubing is ideal for confined space applications. A convenient pump adapter makes it easy to switch between pump and diffusion mode.



ST-2432-2003

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

### Battery and Charging Options

Dräger X-am 3000 comes standard with a NiMH battery pack. An alkaline pack is available for emergency backup and when power is not available for recharging.

Charging options, including a car charging adapter, are available to meet your specific requirements.

### Useful software functions

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

The Dräger X-am 3000 stores all maximum values in its memory for later viewing.

When using a calibration 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.

### Dräger E-Cal Compatible

E-Cal provides automatic calibration and documentation of instrument service records.

### Approvals

Dräger X-am 3000 has worldwide approvals: UL, ATEX, CSA\* and MSHA\*.

#### Internal Pump

Convenient and compact

#### 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



## ORDERING INFORMATION

All instruments below include: XS  $\mu$ Pac DrägerSensors® for O<sub>2</sub>, CO and/or H<sub>2</sub>S gases with a 2 year warranty and a CatEx2 Sensor for flammable gases with a 2 year warranty; NiMHy battery pack, calibration adapter, maintenance tool, battery charger with power supply, short instruction card and manual. Pump units also include: internal sample pump, pump adapter, 10 ft. Tygon® Tubing, and Water Stop Filter. Confined space kits are packaged in a carry case with calibration accessories and include a rubber boot.

X-am 3000; Ex, O <sub>2</sub> , CO, H <sub>2</sub> S Confined Space Kit	4543721
X-am 3000; Ex, O <sub>2</sub> , H <sub>2</sub> S Confined Space Kit	4543720
X-am 3000; Ex, O <sub>2</sub> , CO Confined Space Kit	4543719
X-am 3000; Ex, O <sub>2</sub> , CO, H <sub>2</sub> S with internal pump	4543718
X-am 3000; Ex, O <sub>2</sub> , H <sub>2</sub> S with internal pump	4543717
X-am 3000; Ex, O <sub>2</sub> , CO with internal pump	4543716
X-am 3000; Ex, O <sub>2</sub> , CO, H <sub>2</sub> S	4543715
X-am 3000; Ex, O <sub>2</sub> , H <sub>2</sub> S	4543714
X-am 3000; Ex, O <sub>2</sub> , CO	4543713
Datalogger Option (factory installed)	4543625
Power Supply, 12VDC, Automotive Plug	4543685
Battery Pack, NiMHy	4543689
Battery Pack, Alkaline (requires 4 'AA' alkaline batteries)	4543583
Protective Rubber Boot with shoulder strap	4543619
Deluxe Carry Case with shoulder strap	4543618
Nylon Carrying Case with shoulder strap	4543617
Float Probe	6802337
12" Clear Plastic Sample Probe	4511262
Bar Probe 3 Seat 90 cm	8316332
Sampling Hose, Tygon (per foot)	4594707
Calibration Gas Flow Regulator	4557020
Calibration Gas Mixture - CH <sub>4</sub> , O <sub>2</sub> , CO, H <sub>2</sub> S - 58L	4594943
PC communication cable	4530120
GasVision Software for Data Download and Data Management	8314034
CC-Vision Software for instrument configuration	6408515
X-am 3000 Operator Training CD – PPT	4543701
X-am 3000 E-Cal Module	8317719



**E-Cal Module**  
Automatic calibration and documentation.



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



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

**TECHNICAL DATA**

Multi gas measuring and warning device for 3 or 4 gases: H<sub>2</sub>S, CO, O<sub>2</sub> and combustible gases and vapors.

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, 19.4 oz.
Ambient conditions	Temperature	- 20 to + 55 °C; - 5 to + 130 °F continuous - 40 to + 55 °C; - 40 to + 130 °F short term
	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; 1ft.
Charging time		< 4 hours
Pump mode		maximum length of tubing 10 m, 33 ft.
Approvals	ATEX	II 2G EEx ia d IIC T4; - 25 ≤ Ta ≤ + 55 °C 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
	MSHA*	Methane air mixtures
	CE-mark	electromagnetic compatibility (directive 89/336/EEC)

\*pending



**SUBSIDIARIES**

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