

TECHNICAL DATA

Multi gas measuring and warning device for 3 or 4 gases: H₂S, CO, O₂ 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, 20 oz. |
| Ambient conditions | Temperature | - 20 to + 55 °C; - 5 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) > 19 hours (pump mode) |
| | NiMH | > 16 hours (diffusion mode) > 12 hours (pump mode) |
| Audible alarm | | > 95 dB (A) at a distance of 30 cm; 1ft. |
| Charging time | | < 4 hours |
| Pump mode | | maximum length of tubing 10 m |
| 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 |
| | CE-mark | electromagnetic compatibility (directive 89/336/EEC) |

* pending



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Dräger X-am 3000



ST-2660-2003

Dräger X-am 3000 is an innovative 3- or 4 gas warning-device. This small and light-weight instrument reliably monitors H₂S, CO, O₂ and combustible gases and vapors 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. The scratch resistant display guarantees that the gas concentrations can be easily read.

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

Our 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 bright 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.

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.



ST-2432-2003

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

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.

Optional Built-in Pump

An optional internal pump with a 10 m (33 ft.) tubing is ideal for confined space applications. A convenient pump adaptor makes it easy to switch between pump and diffusion modes.

Datalogger Option

Dräger X-am 3000 can be fitted with a datalogger which records gas concentrations and alarms for 40 hours.

Approvals*

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

DrägerSensors

Fast, accurate and reliable

Alarm functions

Audible, visual and vibrating alarm

Large display

All values and status information at a glance

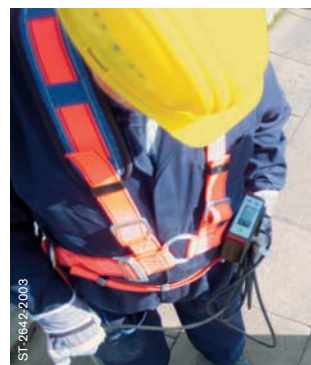
Robust enclosure

Compact, rugged and waterproof



ORDER INFORMATION

| | | | |
|---|---------------|--|-----------|
| Dräger X-am 3000, Ex, O ₂ , with pump, pump- and calibration adapter; without datalogger | | | 83 17 707 |
| Dräger X-am 3000, Ex, O ₂ , with calibration adapter; without pump, datalogger | | | 83 17 706 |
| DrägerSensor H ₂ S | 0 to 100 ppm | | 68 10 032 |
| DrägerSensor CO | 0 to 400 ppm | | 68 10 030 |
| DrägerSensor O ₂ | 0 to 25 Vol% | | 68 10 034 |
| Cat Ex Sensor 2 | 0 to 100 %LEL | | 83 16 109 |
| NiMH-power pack | | | 83 17 709 |
| Alkaline-power pack | | | 83 17 716 |
| Datalogger | | | 83 17 717 |
| 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 |
| Language-label, spare part | | | 83 17 693 |
| E-Cal Module | | | 83 17 719 |
| GasVision Software | | | 83 14 034 |
| CC-Vision 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.