

# Dräger X-am 1700



The Dräger X-am 1700 is a new generation of 4-gas detectors specially designed for personal monitoring use. Guaranteed repair-free, it measures explosive gases and vapors, as well as O<sub>2</sub>, CO and H<sub>2</sub>S, and is designed for a two-year lifespan. With reliable measurement technology, the Dräger X-am 1700 is the ideal low-cost solution.



**Dräger X-am 1700:**  
4-gas detector for two years of personal air monitoring.

### Ergonomic and mobile phone sizing

Light weight and mobile phone size – guarantee users a high level of comfort and convenience. The instrument is intuitive thanks to the practical two-button control panel and straightforward menu guidance system.

### Vapor-sensitive Ex measurement

The catalytic Ex sensor, responds quickly to explosive gases, and offers a high level of sensitivity to combustible organic vapors, thus providing dependable hazard warnings.

### Precision electrochemical sensors

DrägerSensors® are our own innovative technology that make safety work for you.

### Robust and water-tight

Tough: water- and dust-resistant to IP 67, the instrument remains fully functional and ready for use even after being dropped in water. The integrated rubber protection and shock-proof sensors ensure additional resistance to impact and vibration.

### Gas inlets on two surfaces

Twice as reliable: the functional design ensures that gas can enter the instrument from the top and the front, so even if the Dräger X-am 1700 is accidentally put in a jacket pocket, it will still provide a reliable warnings against gas hazards.

### A range of alarm functions

In alarm situations, the Dräger X-am 1700 provides three different types of warning:

1. Loud, audible multi-tone alarm
2. Visual 180-degree alarm
3. Built-in vibration alarm

### Flexible power supply

The Dräger X-am 1700 can be used with either the standard alkaline or optional NIMH batteries. In addition, it can be configured with a T4 battery, which can be recharged while still inside the instrument. Charging can take place in the workshop or in a vehicle, to suit your needs.

### Intelligent data management

Nothing escapes the Dräger X-am 1700: the instrument is equipped as standard with an event logger, which records alarms, errors and results of function tests. The data can be transmitted via infrared interface to a PC and analyzed using the Dräger GasVision® software.

### User registration in seconds

An absolute must to ensure the right person gets the right instrument: the optional registration set, when used in conjunction with the Dräger CC-Vision software, allows individualized issue of instruments and a quick check of completeness upon their return.

For further information, visit:  
[www.draeger-safety.com/x-am](http://www.draeger-safety.com/x-am)

## ORDER INFORMATION

### Dräger X-am 1700

Dräger X-am 1700 with a lifespan of two years and equipped with an alkaline power supply and one sensor each for EX, O<sub>2</sub>, CO, H<sub>2</sub>S 83 18 730

### Power supply units

NiMH power supply unit T4 with charger module and power pack 83 18 785

### Accessories for recording of measured values and configuration

PC communication set 1 with USB port, Dräger CC-Vision® incl. registration software 83 18 761

### Testing accessories

Dräger Bump Test Station 83 19 131

Mixed gas cylinder, 2.5 vol-% CH<sub>4</sub>; 100 ppm CO; 25 ppm H<sub>2</sub>S; 17 vol-% O<sub>2</sub> 45 94 655

## TECHNICAL DATA

|                        |  |   |
|------------------------|--|---|
| Dimensions (W x H x D) | 47 x 129 x 31 mm (1.85" x 5.08" x 1.22")                             |   |
| Weight                 | Approx. 220 g (7.8 oz)   |   |
| Ambient conditions     | Temperature -20 at +50 °C (-4 at +122 °F)                            |   |
| Pressure               | 700 at 1300 mbar (20.7 at 38.4 inch Hg)                              |   |
| Humidity               | 10 at 95 % r.h.  |   |
| <b>Sensor</b>          | <b>Measurement range</b>   | <b>Response time T50 (sec)</b>                          |
| Ex                     | 0 - 100 % LEL or 0 - 5 vol.-%  | 8   |
| O <sub>2</sub>         | 0 - 25 vol.-%  | 6   |
| CO                     | 0 - 2000 ppm   | 6   |
| H <sub>2</sub> S       | 0 - 200 ppm  | 6   |
| IP protection class    | Instrument and sensor block, IP 67                                   |   |
| Alarms                 | Visual 180° / Audible Multi-tone >90 dB at 30 cm (1 ft.) / Vibration |   |
| Operating times        | Alkaline > 12 hours / NiMH T4 battery pack > 12 hours                |   |
| Charging times         | < 4 hours  |   |
| Event logger           | 65,000 events  |   |
| Approvals              | ATEX   | II 2G EEx ia d IIC T4/T3 - I M2 EEx ia d I              |
|                        | UL   | Cl. I Div. 1 Group A,B,C,D - Cl. II E,F,G T.-Code T4/T3 |
|                        | CSA (pending)  | Cl. I Div. 1 Group A,B,C,D - Cl. II E,F,G T.-Code T4/T3 |
|                        | IECEX  | Ex ia d I/IIC T4/T3                                     |
|                        | CE-mark  | Electromagnetic compatibility (directive 89/336/EEC)    |



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