

Dräger X-am 2000



The Dräger X-am 2000 is one of a new generation of gas detectors which have been specially designed for personal monitoring use. The 1- to 4-gas detector reliably measures combustible gases and vapours, as well as O₂, CO and H₂S. Its ergonomic design, mobile phone dimensions and low weight make it the perfect companion in your daily work. Reliable measurement technology, long sensor life and easy operation guarantee maximum safety at extremely low cost of ownership.



Dräger X-am 2000:
Robust 1- to 4-gas detector
for personal monitoring.

An ergonomic instrument the size of a mobile phone

The instrument's low weight and mobile phone size – unique in today's market – guarantee users a high level of comfort and convenience. By design, the instrument can be used intuitively thanks to the practical two-button control panel and straightforward menu guidance system.

Vapour-sensitive Ex measurement

For improved safety when facing unknown hazards: the catalytic Ex sensor, calibrated to methane, not only responds quickly to explosive gases, but also offers a high level of sensitivity to combustible organic vapours, thus providing dependable warnings in the event of explosive hazards.

Long-life electrochemical sensors

DrägerSensors stand for innovative technology at the highest level, and offer an expected lifetime up to five years. The Dräger X-am 2000 features the latest series of powerful electrochemical DrägerSensors from the miniaturized XXS generation.

Robust and water-tight

The Dräger X-am 2000 is 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. Furthermore, the Dräger X-am 2000 is able to withstand electromagnetic interference.

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 2000 is accidentally put in a jacket pocket, it will still provide a reliable warning against gas hazards.

A range of alarm functions

In alarm situations, the Dräger X-am 2000 provides three different types of warning: the audible multi-tone alarm is impossible to miss, while a visual 180-degree alarm helps ensure the warning is not ignored. Finally, the instrument also features a built-in vibration alarm.

Flexible power supply

The Dräger X-am 2000 can be used with either the standard alkaline or optional NIMH batteries. In addition, it can be fitted 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

Everything's under control: the Dräger X-am 2000 is equipped as standard with a data logger. The data can be transmitted via infrared interface to a PC and analysed using the Dräger GasVision software.

Optimum solutions for function tests and adjustments

Simple, fast and professional: from a function test to complete documentation, users

have a range of practical solutions to choose from for total peace of mind. The Dräger E-Cal automatic test and calibration station and the Dräger Bump Test Station are ideal complements to the instrument, saving time and minimizing your workload.

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

Crocodile clip:

For secure attachment.

Visual alarm:

180° alarm.

DrägerSensors:

Fast, accurate and durable.

Robust design:

Water- and dust-proof as per IP 67.

Large display:

All readings at a glance.



ORDER INFORMATION

Dräger X-am 2000 standard instrument

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| Dräger X-am 2000 Ex, alkaline | 83 187 50 |
| Dräger X-am 2000 Ex, O ₂ , alkaline | 83 187 70 |
| Dräger X-am 2000 Ex, H ₂ S, alkaline | 83 187 80 |
| Dräger X-am 2000 Ex, CO, alkaline | 83 187 90 |
| Dräger X-am 2000 Ex, O ₂ , CO, alkaline | 83 188 80 |
| Dräger X-am 2000 Ex, O ₂ , H ₂ S, alkaline | 83 188 90 |
| Dräger X-am 2000 Ex, O ₂ , CO, H ₂ S, alkaline | 83 189 10 |

Basic unit with choice of special calibrations, incl. calibration certificate

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|--|-----------|
| Dräger X-am 2000 Ex, alkaline | 83 187 51 |
| Dräger X-am 2000 Ex, O ₂ , alkaline | 83 187 71 |
| Dräger X-am 2000 Ex, H ₂ S, alkaline | 83 187 81 |
| Dräger X-am 2000 Ex, CO, alkaline | 83 187 91 |
| Dräger X-am 2000 Ex, O ₂ , CO, alkaline | 83 188 81 |
| Dräger X-am 2000 Ex, O ₂ , H ₂ S, alkaline | 83 188 91 |
| Dräger X-am 2000 Ex, O ₂ , CO, H ₂ S, alkaline | 83 189 11 |

Power supply units

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|---|-----------|
| NiMH power supply unit T4 | 83 18 704 |
| NiMH power supply unit T4 with charger module and power pack | 83 18 785 |
| Alkaline power supply unit T3/T4 (without alkaline batteries) | 83 18 703 |
| Alkaline batteries T4 (2 pcs.) for alkaline power supply | 83 18 708 |

Chargers

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|---|-----------|
| Charger module | 83 18 639 |
| Power pack with connection cable (worldwide) for several charger modules (20 max.) | 83 15 805 |
| Plug-in power pack (worldwide) for several charger modules (2 max.) | 83 15 635 |
| 12V/24V vehicle connection cable for charger module | 83 12 645 |
| Vehicle holder for one charger module | 83 18 779 |

Accessories for recording of measured values and configuration

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|--|-----------|
| Dräger GasVision | 83 14 034 |
| Dräger CC-Vision | 64 08 515 |
| USB DIRA cable | 83 17 409 |
| PC communication set 1 with USB port, Dräger CC-Vision incl. registration software | 83 18 761 |
| PC communication set 2 with USB port, Dräger CC-Vision incl. registration software and barcode reader | 83 18 762 |

Calibration accessories

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|---|-----------|
| Calibration cradle | 83 18 752 |
| Dräger Bump Test Station | 83 19 130 |
| Dräger E-Cal module | 83 18 754 |
| Mixed gas cylinder, 2.5 vol.-% CH ₄ ; 50 ppm CO; 15 ppm H ₂ S; 18 vol.-% O ₂ | 68 10 395 |

Other accessories

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|-----------------|-----------|
| Instrument case | 83 18 755 |
|-----------------|-----------|



Dräger X-am 2000:
Robust and water-tight.



Dräger X-am 2000:
Compact and ergonomic.

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 to +50 °C (-4 to +122 °F) | |
| | Pressure | 700 to 1300 mbar (20.7 to 38.4 inch Hg) | |
| | Humidity | 10 to 95 % r.h. | |
| Sensor | Measurement range | Response time T50 [sec.] | Expected lifetime [years] |
| Ex | 0-100 % LEL or 0-5 vol.-% | 8 | 4 |
| O ₂ | 0-25 vol.-% | 6 | 5 |
| CO | 0-2000 ppm | 6 | 5 |
| H ₂ S | 0-200 ppm | 6 | 5 |
| 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 | |
| | T4 battery pack | > 12 hours | |
| Charging times | < 4 hours | | |
| Data logger | Can be read out via IR > 1000 hours with 4 sensors and a recording interval of 1 reading per minute | | |
| Approvals* | ATEX | II 2G EEx ia d IIC T4/T3 I M2 EEx ia d I | |
| | UL | Class I Div. 1 Group A, B, C, D | T.-Code T4/T3 |
| | CSA | Class I Div. 1 Group A, B, C, D | T.-Code T4/T3 |
| | IECEX | Ex ia d I/IIC T4/T3 | |
| | CE-mark | Electromagnetic compatibility (directive 89/336/EEC) | |

*pending



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