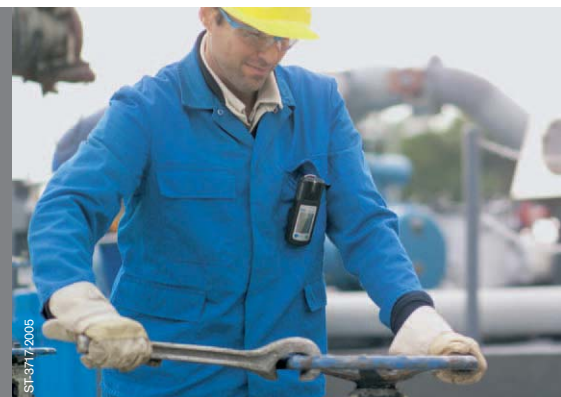


Dräger X-am[®] 2000

The Dräger X-am 2000 has been specially designed for personal monitoring. The 1- to 4-gas detector reliably measures combustible gases and vapors, as well as O₂, CO and H₂. In combination with an external pump, the Dräger X-am 2000 can be easily adapted to measure confined spaces before entry. Reliable measurement technology, long sensor life and easy operation combine maximum safety with a low cost of ownership.



ERGONOMIC DESIGN

The Dräger X-am 2000's low weight and unique mobile phone design provides users a high level of comfort and convenience. Thanks to the practical two-button operation and straightforward menu, the instrument can be used intuitively.

VAPOR-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 vapors. Therefore, Dräger X-am 2000 provides 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 water and dust-resistant to IP 67. That means that 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

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.

EXTERNAL PUMP

An optional external pump with up to 20 meters of hose can be used as the solution for applications such as confined space entry into tanks, pipelines, etc. When the instrument is placed in the cradle, the pump automatically starts. The change between diffusion and pump operation is quickly and easily possible without any need for additional tools or steps.



ST-7461-2005

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

FLEXIBLE POWER SUPPLY

The Dräger X-am 2000 can be used with either the standard alkaline or optional NiMH rechargeable 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, whatever suits your needs.

The operating time with alkaline batteries excluding the Cat Ex Sensor is about 700 hours. At a daily working rate of eight hours, this equates to 87 days.

OPTIMUM SOLUTIONS FOR BUMP OR FUNCTION TESTS AND CALIBRATIONS

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 system accessories to the instrument, saving time and minimizing your workload.

Crocodile clip:
Fastens securely to clothing.

Visual alarm:
360° alarm.

Large display:
All readings at one glance.

DrägerSensors:
Fast, accurate and durable.

Robust design:
Water- and dust-proof as per IP 67.



ORDER INFORMATION

**Dräger X-am 2000 with alkaline batteries
(standard calibration of the Ex-sensor: Methane)**

| | |
|--|-----------|
| Dräger X-am 2000 Ex | 83 18 750 |
| Dräger X-am 2000 Ex, O ₂ | 83 18 770 |
| Dräger X-am 2000 Ex, O ₂ , CO | 83 18 880 |
| Dräger X-am 2000 Ex, O ₂ , H ₂ S | 83 18 890 |
| Dräger X-am 2000 Ex, O ₂ , CO, H ₂ S | 83 18 910 |

ORDER INFORMATION

Dräger X-am 2000 with a selection of special calibrations for the Ex-sensor and selectable alarm thresholds incl. a calibration certificate and alkaline batteries

| | |
|--|-----------|
| Dräger X-am 2000 Ex | 83 18 751 |
| Dräger X-am 2000 Ex, O ₂ | 83 18 771 |
| Dräger X-am 2000 Ex, H ₂ S | 83 18 781 |
| Dräger X-am 2000 Ex, CO | 83 18 791 |
| Dräger X-am 2000 Ex, O ₂ , CO | 83 18 881 |
| Dräger X-am 2000 Ex, O ₂ , H ₂ S | 83 18 891 |
| Dräger X-am 2000 Ex, O ₂ , CO, H ₂ S | 83 18 911 |

Dräger X-am 2000 without an Ex-Sensor with alkaline batteries

| | |
|--|-----------|
| Dräger X-am 2000 O ₂ , H ₂ S | 83 18 698 |
| Dräger X-am 2000 O ₂ , CO | 83 18 697 |
| Dräger X-am 2000 CO, H ₂ S | 83 18 696 |
| Dräger X-am 2000 O ₂ , CO, H ₂ S | 83 18 699 |

Additional power supplies

| | |
|--|-----------|
| NiMH power pack T4 | 83 18 704 |
| Power pack & charging set consisting of a NiMH power pack T4, charging module and a single charger (worldwide use) | 83 18 785 |
| Alkaline power pack T3/T4 (without alkaline batteries) | 83 18 703 |
| Alkaline batteries T4 (2 pcs.) for alkaline power pack 83 18 703 | 83 18 708 |

Charging accessories

| | |
|--|-----------|
| Charging module | 83 18 639 |
| Charging set basic consisting of one charging module and a single power supply (worldwide use) | 83 20 333 |
| Power supply with connection cable (worldwide use) for max. 20 charging modules | 83 15 805 |
| Single charger (worldwide use) for max. 2 charging modules | 83 15 635 |
| Single charger (worldwide use) for max. 5 charging modules | 83 16 994 |
| Car charging connection cable 12V/24V for a charging module | 83 17 754 |
| Vehicle charger mounting kit for one charging module | 83 18 779 |

Pump accessories

| | |
|---|-----------|
| Dräger X-am 2000 external pump | 83 19 400 |
| Carrying case Dräger X-am 2000 external pump (without content) | 83 19 385 |
| Hand pump adapter | 83 19 195 |
| Confined space entry set with an external pump and 3 M Viton hose | 83 19 399 |

Communication accessories

| | |
|---|-----------|
| Dräger Gas-Vision | 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

| | |
|---|-----------|
| Calibration cradle | 83 18 752 |
| Dräger Bump Test Station for Dräger X-am 2000 Complete with one test gas cylinder 58L (gas and concentration variable) | 83 19 130 |
| Dräger Bump Test Station for Dräger X-am 2000, not including gas cylinder | 83 19 131 |
| Printer Set for Dräger Bump Test Station | 83 21 011 |
| Consisting of: Dräger Mobile Printer, single charger, rechargeable NiMH batteries, USB connection cable, positioning aid, Dräger CC-Vision standard | |
| Dräger E-Cal module for Dräger X-am 2000 | 83 18 754 |

Cases

| | |
|--|-----------|
| Leather carrying case | 83 18 755 |
| Carrying case for charging accessories, probes, external pump, hose and gas cylinder (without content) | 83 20 467 |



ST-0660-2007

Dräger X-am 2000
Flexible with an external pump for confined space entry.



ST-10263-2007

Dräger X-am 2000
Optional Dräger Bump Test Station for an efficient Bump Test under 15 seconds.

TECHNICAL DATA

| | | | |
|------------------------|---|--|----------------------------------|
| Dimensions (W x H x D) | 48 x 130 x 44 mm; 1.89 x 5.12 x 1.73 in. | | |
| Weight | 220 – 250 g; 7.8 oz. | | |
| Ambient conditions | Temperature -20 - +50 °C; -4 - +122 °F Pressure 700 - 1300 hPa Humidity 10 - 90% r.h. | | |
| Sensor | Measurement range | Response time T50 (sec.) | Expected lifetime (years) |
| Ex | 0-100 %LEL or 0-5 Vol.-% | < 7 (Methane) < 30 (Nonane) | 3 |
| O ₂ | 0-25 Vol.-% | < 6 | > 5 |
| CO | 0-2000 ppm | < 6 | > 5 |
| H ₂ S | 0-200 ppm | < 6 | > 5 |
| Ingress Protection | IP 67 | | |
| Alarms | Visual 360° flashing LEDs at top and bottom, audible multi-tone >90 dB at 30 cm, vibrating | | |
| Battery life | Alkaline | > 12 hours | |
| | Alkaline without Ex Sensor | > 500 hours | |
| | Rechargeable NiMH battery | > 12 hours | |
| | T4 power pack | > 12 hours | |
| Charging times | < 4 hours | | |
| Data logger | Can be read out via Infrared > 1000 hours with 4 sensors and a recording interval of 1 value 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, E, F, G 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) | |
| | MED | Marine Equipment Directive 96/98/EC | |
| | MSHA | | |

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