

Dräger X-am 2000



ST-74317-2005

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 vapors, 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.

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.

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, thus providing dependable warnings in the event of explosive hazards.

Long-life electrochemical sensors

DrägerSensors® stand for innovative technology at the highest level. The Dräger X-am 2000 features the latest series of powerful electrochemical DrägerSensors® from the miniaturized XXS generation, which are warranted for a period of three years.

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.



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 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 analyzed 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



ORDERING INFORMATION

Dräger X-am 2000 standard instrument

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

Power supply units

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 battery for alkaline power supply 83 18 703 (2 required)	45 43 708

Chargers

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 up to 5 charge modules	83 16 994
Plug-in power pack (worldwide) for up to 2 charge modules	83 15 635
12V/24V vehicle connection cable for charger module	45 30 057
Vehicle holder for one charger module	83 18 779

Accessories for recording of measured values and configuration

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

Calibration cradle	83 18 752
Dräger Bump Test Station	83 19 131
Dräger E-Cal module	83 18 754
Mixed gas cylinder, 2.5 vol.-% CH ₄ , 100 ppm CO; 25 ppm H ₂ S, 17 vol.-% O ₂	45 94 655

Other accessories

Instrument case	83 18 755
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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.]
Ex	0-100 % LEL or 0-5 vol.-%	8
O ₂	0-25 vol.-%	6
CO	0-2000 ppm	6
H ₂ 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 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 - Cl. II E,F,G, T.-Code T4/T3 CSA (pending) Class 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)	
Warranty	3 years on monitor and sensors 2 years on optional T4 NiMH battery pack	



DRAEGER SAFETY, INC.
101 Technology Drive
Pittsburgh, PA 15275-1057
USA
Tel 1-412-787-8383
Fax 1-412-787-2207
www.draeger-safety.com/us

CUSTOMER SERVICE
Tel 1-800-858-1737
Fax 1-800-922-5519

TECHNICAL SERVICES
Tel 1-888-794-3806
Fax 1-888-794-3807

DRAEGER SAFETY CANADA LTD.
7555 Danbro Crescent
Mississauga, ON L5N-6P9
Canada
Tel 1-905-821-8988
Fax 1-905-821-2565

CUSTOMER SERVICE
Tel 1-877-372-4371
Fax 1-800-Fax-Tube

DRAEGER SAFETY S.A. DE C.V.
Av. Peñuelas No. 5
Bodega No. 37
Fraccionamiento Industrial San
Pedrito
Queretaro, Qro. C.P. 76148
Mexico
Tel 52-442-246-1113
Fax 52-442-246-1114