

Dräger X-am 1700



ST 1702-2005

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 O₂, CO and H₂S, and is designed for a two-year lifespan. With reliable measurement technology, the Dräger X-am 1700 is the ideal low-cost solution.



ST 1774-2005

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

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 ₂ , CO, H ₂ 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 ₄ ; 100 ppm CO; 25 ppm H ₂ S; 17 vol-% O ₂	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.	
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 / 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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