

## Dräger X-am 1700



The Dräger X-am 1700 is one of a new generation of 4-gas detectors which have been specially designed for personal monitoring use. The instrument, which is guaranteed to be repair-free, measures explosive gases and vapours, as well as O<sub>2</sub>, CO and H<sub>2</sub>S, and is designed for a two-year lifespan. Its convenient mobile phone dimensions and low weight make it the perfect companion for personal air monitoring. Equipped 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.

### 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.

### Precision electrochemical sensors

DrägerSensors stand for innovative technology at the highest level. The Dräger X-am 1700 features the latest series of powerful electrochemical DrägerSensors from the miniaturized XXS generation.

### Robust and water-tight

The Dräger X-am 1700 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 1700 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 1700 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 1700 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 1700 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**

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 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](http://www.draeger-safety.com/x-am)

**Crocodile clip:**

For secure attachment.

**Visual alarm:**

180° alarm.

**DrägerSensors:**

Fast and accurate.

**Robust design:**

Water- and dust-proof as per IP 67.

**Large display:**

All readings at a glance.



ST-1779-2005

## ORDER INFORMATION

Dräger X-am 1700 with a lifespan of two years and equipped with an alkaline power supply and one sensor each for O <sub>2</sub> , EX, CO and H <sub>2</sub> S.	83 18 730
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### 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 batteries T4 (2 pcs.) for alkaline power supply 83 18 703	83 18 708

### 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 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

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 19 130
Dräger E-Cal module	83 18 754
Mixed gas cylinder, 2.5 vol.-% CH <sub>4</sub> ; 50 ppm CO; 15 ppm H <sub>2</sub> S; 18 vol.-% O <sub>2</sub>	68 10 395

### Other accessories

Instrument case	83 18 755
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**Dräger X-am 1700:**  
Robust and water-tight.



**Dräger X-am 1700:**  
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.
<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
	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	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



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.