

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 O₂, CO and H₂S, 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

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.



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 ₂ , EX, CO and H ₂ S.	83 18 730
--	-----------

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 ₄ ; 50 ppm CO; 15 ppm H ₂ S; 18 vol.-% O ₂	68 10 395

Other accessories

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



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.
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	
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



SUBSIDIARIES

AUSTRALIA

Draeger Safety Pacific Pty. Ltd.
Axxess Corporate Park
Mt. Waverley, Vic 3149
Tel +61 3 92 65 50 00
Fax +61 3 92 65 50 95

CANADA

Draeger Canada Ltd.
7555 Danbro Crescent
Mississauga, Ontario L5N 6P9
Tel +1 905 821 8988
Fax +1 905 821 2565

P. R. CHINA

Beijing Fortune Draeger
Safety Equipment Co., Ltd.
Beijing 101300
Tel +86 10 80 49 80 00
Fax +86 10 80 49 80 05

FRANCE

Dräger Safety France S.A.S.
3c, Route de la Fédération
67025 Strasbourg Cedex
Tel +33 388 40 76 76
Fax +33 388 40 76 67

MEXICO

Draeger Safety S.A. de C.V.
Av. Peñuelas No. 5
Querétaro, Qro México
Tel +52 442 246 1113
Fax +52 442 246 1114

NETHERLANDS

Dräger Safety Nederland B.V.
Edisonstraat 53
2700 AH Zoetermeer
Tel +31 79 344 46 66
Fax +31 79 344 47 90

SINGAPORE

Draeger Safety Asia Pte. Ltd.
67 Ayer Rajah Crescent # 06 03
139950 Singapore
Tel +65 68 72 92 88
Fax +65 67 73 20 33

REP. OF SOUTH AFRICA

Dräger South Africa (Pty) Ltd.
P.O.Box 68601
Bryanston 2021
Tel +27 11 465 99 59
Fax +27 11 465 69 53

SPAIN

Draeger Safety Hispania S.A.
Calle Xaudaró 5
28034 Madrid
Tel +34 91 728 34 00
Fax +34 91 729 48 99

UNITED KINGDOM

Draeger Safety UK Ltd.
Kitty Brewster Industrial Estate
Blyth, Northumberland NE24 4RG
Tel +44 1670 352 891
Fax +44 1670 356 266

USA

Draeger Safety, Inc.
101 Technology Drive
Pittsburgh, PA 15275
Tel +1 412 787 8383
Fax +1 412 787 2207

Dräger Safety AG & Co. KGaA

Revalstrasse 1
23560 Luebeck, Germany
Tel +49 451 882 0
Fax +49 451 882 2080
www.draeger-safety.com