SC METROMAT SRL

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Dräger

Explozimetru, X-am 2500

Dräger X-am® 2500
Multi-Gas Detection

The Dräger X-am® 2500 was especially developed for use as personal protection. The 1 to 4 gas detector reliably detects combustible gases and vapours, as well as O_2, CO, NO_2, SO_2 and H_2S. Reliable and fully mature measuring technology, durable sensors and easy handling guarantee a high degree of safety with extremely low operating costs.



System components



ST-740-2006

Dräger Bump Test Station

Easy to use, stand-alone and portable. With the Bump Test Station, functionality tests of gas detection and warning devices can be carried out easily and quickly.

Accessories



ST-9477-2007

Dräger X-am 125, external pump

External pump for hose length of up to 30 meters (98 feet). Makes it possible to use the detector for pre-entry measurements into confined spaces such as tanks, shafts, etc. The pump starts automatically when the detector is inserted. The change between diffusion and pump operation is quickly and easily possible without any need for additional tools or steps.



D-12284-2009

Power pack & Charging set

Consisting of: NiMH power supply, charging module, single charger

Technical Data

Dimensions (W × H × D)		48 × 130 × 44 mm	
Weight		220 – 250 g	
Ambient conditions	Temperature	-20 to +50 °C	
	Pressure	700 to 1,300 mbar	
	Relative humidity	10 to 95 % r.h.	
Protection class		IP67	
Alarms	Visual	360°	
	Audible	Multi-tone > 90 dB at 30 cm	
	Vibration		
Operating times		> 12 h with alkaline and NiMH, > 13 h with NiMH HC, > 250 h w/o Ex sensor with alkaline batteries	
Charging time		< 4 h	
Datalogger		Retrievable using an infrared interface > 1,000 h with 4 gases at a recording interval of 1 value per minute	
Approvals	ATEX	I M1 Ex ia I Ma, II 1G Ex ia IIC T3 Ga, I M2 Ex d ia I Mb, II 2G Ex d ia IIC T4/T3 Gb	
		Performance approval to:	
		EN 50104 (2002) + A1(2004)	O_2
		EN 45544	CO & H_2S
		EN 60079-29-1:2007	Methane to nonane
		EN 50271:2010	Software and documentation
	CSA (Canada & USA)	Class I Div. 1 Group A, B, C, D T.-Code T4/T3 A/Ex ia IIC T3 /Ga A/Ex d ia IIC T4/ T3 /Gb	
	IECEx	Ex ia I Ma Ex ia IIC T3 Ga Ex d ia I Mb Ex d ia IIC T4/ T3 Gb	
	CE mark	Electromagnetic Compatibility (Directive 2004/108/EC); ATEX (Directive 94/9/EC)	
	MED	Marine Equipment Directive (Directive 96/98/EC)	

Ordering Information

Dräger X-am® 2500	**Order No.**
Dräger X-am® 2500 - Available in various versions. Cannot be modified later with other sensors. Includes calibration certificate. No power supply included.	
Dräger X-am® 2500 EX[1)]	83 23 910
Dräger X-am® 2500 Ex, O_2 [1)]	83 23 912
Dräger X-am® 2500 Ex, O_2, H_2S-LC[1)]	83 23 914
Dräger X-am® 2500 Ex, O_2, CO[1)]	83 23 916
Dräger X-am® 2500 Ex, O_2, H_2S-LC, CO[1)]	83 23 918
Dräger X-am® 2500 Flex [1)] Choice of four sensors (1 slot for CatEx and 3 slots for XXS sensors). Can be modified later with other sensors. Includes calibration certificate. No power supply included.	**83 23 900**

Ordering Information

DrägerSensors	Measuring range	Resolution	Response time(t_{90})	Expected service life	
CatEx 125 PR[1)]	0 – 100 % LEL 0 – 5 Vol.-% CH_4	1 % LEL	10 sec.	> 4 years	68 12 950
CatEx 125 Mining PR	0 – 100 % LEL 0 – 100 Vol.-% CH_4	1 % LEL	10 sec.	> 3 years	68 13 080
DrägerSensor XXS O_2 [1)]	0 – 25 Vol.-%	0,1 Vol.-%	10 sec.	> 5 years	68 10 881
DrägerSensor CO[1)]	0 – 2,000 ppm	2 ppm	15 sec.	> 5 years	68 10 882
DrägerSensor XXS H_2S LC[1)]	0 – 100 ppm	0,1 ppm	15 sec.	> 5 years	68 11 525
DrägerSensor NO_2	0 – 50 ppm	0,1 ppm	15 sec.	> 3 years	68 10 884
DrägerSensor SO_2	0 – 100 ppm	0,1 ppm	15 sec.	> 3 years	68 10 885

[1)] Dräger provides a 3 year guarantee on the Dräger X-am® 2500 and these sensors. The legal rights arising from defects remain unaffected.

Power supply units	
NiMH power pack T4 with charging module and PSU (complete set)	83 18 785
NiMH power pack T4	83 18 704
NiMH HC power pack T4 with charging module and PSU (complete set)	83 22 785
NiMH HC power pack T4	83 22 244
Alkaline power pack (w/o batteries)	83 22 237
Alkaline batteries T4 (2 pcs.) for power pack 83 22 237	83 22 240

Charging accessories	
Charging module	83 18 639
Charging kit consisting of a charging module and a single charger (worldwide)	83 20 333
Power pack with power cord (worldwide) for multiple charging modules (max. 20)	83 15 805
Single charger (worldwide) for multiple charging modules (max. 5)	83 16 994
Single charger (worldwide) for multiple charging modules (max. 2)	83 15 635
Vehicle charging cable 12 V / 24 V for charging module	45 30 057
Vehicle mounting kit for a Dräger X-am® 1/2/5x00 charging module	83 18 779

Pump accessories	
Dräger pump X-am® 125, external pump	83 19 400
Manual pump adapter	83 19 195
Confined Space Entry Kit with external pump and 3 m Viton® hose	83 19 399
Empty case with room for X-am® 1/2/5x00, charging accessories, probe, gas cylinder, pump, 3 m hose, etc.	83 20 467

NOTA: Aceasta fisa a fost realizata sub rezerva modificarilor ulterioare de ordin tehnic sau a erorilor de editare.

Fotografia are caracter informativ.

NOTE: Products and specifications are subject to change without prior notice .Pictures may differ from original.