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Detector CO2 si NH3 pentru ferme, X-am 5600

X-am® 5600

Innovation in the palm of your hand.
Dräger X-am 5600 – Unprecedented protection from the market's smallest, infrared-capable, six-gas personal monitor and in combination with our revolutionary X-zone® you have one of the most powerful area monitors in the world.



SMALLEST DEVICE INCREASES YOUR PRODUCTIVITY BIG TIME

As the smallest device of its type in the industry it is much less obtrusive on the user allowing him to focus on the task at hand. In addition the X-am 5600 can measure up to 6 gases at one time reducing the need for additional instruments.



Size comparison of the X-am 5600 to three of its main competitors

GO EASY ON YOUR BOTTOM LINE WITH REDUCED TOTAL COST OF OWNERSHIP

Dustproof and watertight monitors are only as reliable as their sensors. That's why Dräger starts by engineering its infrared sensors to last up to eight years, keeping total cost of ownership low and instrument uptime high. In fact, Dräger's 5 year warranty on the IR sensors exceeds the industry average by 60% and there is no need to invest in new or additional equipment because the X-am 5600 works seamlessly with your existing Dräger X-am bump test stations, pumps, and calibration stations.

KEEP YOUR TEAMS EVEN SAFER

The new Dräger infrared sensors can be used for the measurement of explosive substances or CO2. For those applications where the reliable measurement of these substances is specifically needed Dräger's dual IR CO2/EX Sensor performs at its best. The innovative 2-in-1 design provides added protection and versatility by making room for an additional sensor.

PERSONAL MONITORING JUST BECAME CONVENIENT

Single-handed operation feels natural with its handheld ergonomic design. It's a cinch to operate with a simple, two-button control panel. It maintains uninterrupted accuracy when worn in a pocket with its upper and front side mounted gas inlets. With Dräger, a world leader in gas detection technology and innovation, both bump tests and equipment calibrations are simple, quick, and professionally completed in no time.



D-27784-2009

Dräger X-am® 5600
Designed for durability and reliability – and single-handed detection of up to 6 gases

Safe gas inlet:
Gas entry from two sides.

Visual alarm:
360° visible alarm.



DrägerSensors:
Fast, accurate and durable.
A visual life signal indicates the continuous operation of the infrared sensor.

Retro reflectors:
Easy to find in the dark or in water.

Large display:
All readings at a glance.

Easy two button operation


D-23602-2009

Expand your options with area monitoring and the x-zone 5000
Combined with the Dräger X-zone® 5000 the X-am 5600 can be used to provide state-of-the-art area monitoring using IR technology. The X-am 5600 can also be equipped with over 25 combinations of Dräger sensors, which can be easily exchanged, calibrated, and converted with Dräger's CC-Vision® software.

A FULL RANGE OF EX PROTECTION

The X-am 5600 protects against a full range of explosive gases by monitoring both hydrocarbons and hydrogen gas. By combining both infrared Ex and electro-chemical miniature H2 sensor technology, the Dräger X-am is able to measure hydro-gen gas – something that can't be done with infrared technology alone.

ORDER INFORMATION

Dräger X-am 5600 Basic Consisting of: basic instrument with an integrated data logger, support CD, manufacturer's and calibration certificates. A functional instrument must include up to 4 sensors and a power supply unit.	83 22 930

Infrared-Sensors	Measuring Range	Resolution	Response time (t90)	Order code
DrägerSensor Dual IR Ex/CO_2 [1]	0 – 100 % LEL 0 – 100 Vol.-% Methane, Propane, Ethylene 0 – 5 Vol.-% CO_2	1 % LEL 0.1 Vol.-% CH4 0.01 Vol.-% CO_2	20 sec.	68 11 960
DrägerSensor IR Ex [1]	0 – 100 % LEL 0 – 100 Vol.-% Methane, Propane, Ethylene	1 % LEL 0.1 Vol.-% CH4	20 sec.	68 12 180
DrägerSensor IR CO_2	0 – 5 Vol.-% CO_2	0.01 Vol.-% CO_2	20 sec.	68 12 190

Electrochemical Sensors	Measuring Range	Resolution	Response time $_{(t90)}$	Order Code
DrägerSensor XXS O_2	0 – 25 Vol.-%	0.1 Vol.-%	10 sec.	68 10 881
DrägerSensor XXS CO	0 – 2,000 ppm	2 ppm	15 sec.	68 10 882
DrägerSensor XXS CO HC	0 – 10,000 ppm	5 ppm	25 sec.	68 12 010
DrägerSensor XXS CO/H_2 compensated	0 – 2,000 ppm CO	2 ppm	25 sec.	68 11 950
DrägerSensor XXS H_2S	0 – 200 ppm	1 ppm	15 sec.	68 10 883
DrägerSensor XXS H_2S LC	0 – 100 ppm	0.1 ppm	15 sec.	68 11 525
DrägerSensor XXS H_2S HC	0 – 1,000 ppm	2 ppm	15 sec.	68 12 015
DrägerSensor XXS CO/H_2S	0 – 2,000 ppm CO / 0 – 200 ppm H_2S	1 ppm H_2S / 2 ppm CO	20 sec.	68 11 410
DrägerSensor XXS NO	0 – 200 ppm	0.1 ppm	10 sec.	68 11 545
DrägerSensor XXS NO_2	0 – 50 ppm	0.1 ppm	15 sec.	68 10 884
DrägerSensor XXS SO_2	0 – 100 ppm	0.1 ppm	15 sec.	68 10 885
DrägerSensor XXS PH_3	0 – 20 ppm	0.01 ppm	10 sec.	68 10 886
DrägerSensor XXS PH_3 HC	0 – 2,000 ppm	1 ppm	10 sec.	68 12 020
DrägerSensor XXS HCN	0 – 50 ppm	0.1 ppm	10 sec. (t_{50})	68 10 887
DrägerSensor XXS NH_3	0 – 300 ppm	1 ppm	20 sec. (t_{50})	68 10 888
DrägerSensor XXS CO_2	0 – 5 Vol.-%	0.1 Vol.-%	30 sec. (t_{50})	68 10 889
DrägerSensor XXS Cl_2	0 – 20 ppm	0.05 ppm	30 sec.	68 10 890
DrägerSensor XXS H_2	0 – 2,000 ppm	5 ppm	10 sec.	68 12 370
DrägerSensor XXS H_2 HC	0 – 4 Vol.-%	0.01 Vol.-%	20 sec.	68 12 025
DrägerSensor XXS OV	0 – 200 ppm	0.5 ppm	20 sec. (t_{50})	68 11 530
DrägerSensor XXS OV-A	0 – 200 ppm	1 ppm	40 sec. (t_{50})	68 11 535
DrägerSensor XXS Amine	0 – 100 ppm	1 ppm	30 sec.	68 12 545
DrägerSensor XXS Odorant	0 – 40 ppm	0.5 ppm	90 sec.	68 12 535
DrägerSensor XXS $COCl_2$	0 – 10 ppm	0.01 ppm	30 sec.	68 12 005
Electrochemical Sensors with 5 years warranty				
DrägerSensor XXS E CO	0 – 2,000 ppm	2 ppm	15 sec.	68 12 212
DrägerSensor XXS E H_2S	0 – 200 ppm	1 ppm	15 sec.	68 12 213
DrägerSensor XXS E O_2	0 – 25 Vol.-%	0.1 Vol.-%	10 sec.	68 12 211

[1] Special calibration for Ex sensors are available (standard setting: methane)

Power supply units NiMH power pack T4	83 18 704
NiMH power pack T4 high capacity	83 22 244
Power pack & charging set consisting of: rechargeable NiMH power supply T4, charging module and a single charger (for worldwide use)	83 18 785
Alkaline power pack T3/T4 (without alkaline batteries)	83 22 237
Alkaline batteries T4 (2 pcs.) for alkaline power supply 83 22 237	45 88 195
NiMH rechargeable batteries T3 for alkaline power supply unit 83 18 703, charged externally	83 19 426

Charging accessories Charging module	83 18 639
Charging set basic, consisting of one charging module and a single power supply (worldwide use)	83 20 333
Power supply with connection cable (worldwide use) for max. 20 charging modules	83 15 805
Single charger (worldwide use) for max. 5 charger modules	83 16 994
Single charger (worldwide use) for max. 2 charger modules	83 15 635
Car charging connection cable 12V/24 V for a charging module	83 17 754
Vehicle charger mounting kit for one Dräger X-am 5600 charging module	83 18 779

Pump accessories	
Dräger X-am 1/2/5x00 external pump	83 19 400
Hand pump adapter	83 19 195
Confined space entry set, with an external pump and 3 m or 9 ft. viton hose	45 42 110
Carrying case Dräger X-am 1/2/5x00 external pump (without pump)	83 19 385

Calibration accessories Dräger E-Cal module for Dräger X-am 5600	83 18 754
Dräger Bump Test Station for Dräger X-am 5600, not including gas cylinder	83 19 131
Printer set for Dräger Bump Test Station consisting of: Dräger Mobile Printer, single charger, rechargeable NiMH batteries, USB connection cable, positioning aid	83 21 011

Communication accessories	Order code
Dräger GasVision®	83 14 034
Dräger CC-Vision®	64 08 515
USB DIRA with USB cable, communication adapter infrared to USB	83 17 409
PC communication set 1 with USB port, Dräger CC-Vision® includes registration software	83 18 761
PC communication set 2 with USB port, Dräger CC-Vision® includes registration software and barcode reader	83 18 762

System components	
Dräger X-zone 5000 - 868 MHz, 12 Ah	83 20 744
Dräger X-zone 5000 - 868 MHz, 24 Ah	83 20 745
Dräger X-zone 5000 - 868 MHz1 12 Ah with pump	83 20 746
Dräger X-zone 5000 - 868 MHz, 24 Ah with pump	83 20 747

In conjunction with the portable alarm amplifier Dräger X-zone 5000 the units are combined to a new system; to monitor whole working areas or to connect to external alarm contacts.

TECHNICAL DATA

Dimensions (W x H x D)	1.85 x 5.12 x 1.73 inches; 47 x 130 x 44 mm	
Weight	8.8 oz.; 250 g	
Ambient conditions	Temperature	-4 to +122 °F; -20 to +50 °C
	Pressure	700 to 1300 mbar; 20.7 to 38.4 inch Hg
	Humidity	10 to 95% RH
Alarms	Visual	360°
	Audible	Multi-tone > 90 dB at 30 cm; 1 ft.
Ingress Protection	IP 67	
Operating time	~10 h or rather ~12 h	
Charging time	< 4 hours	
Data logger	Can be read out via Infrared > 1000 hours with 6 gases and a recording interval of 1 value per minute	
Pump operation	Maximum hose length 98 ft.; 30 m	
Approvals	ATEX	I M1 Ex ia I Ma
		II 1G Ex ia IIC T4/T3 Ga
	IEC	Ex ia I Ma
		Ex ia IIC T4/T3 Ga for MQG 01**
	MED	⎈(0736-YY)
	CSA	Class I, Div. I, Groups A,B,C,D TC T4/T3
		Class I, Zone 0, A/Ex ia IIC T4/T3 /Ga

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.