

► X-am® 5600

Portable multi gas detector (from 1 up to 6 gases)



Technical specifications

Can simultaneously detect up to 6 gases

Combustible gases (infrared), Amines, Cl₂, ClO₂, CO, CO₂ (infrared), H₂, H₂S, HCN, NH₃, NO, NO₂, PH₃, SO₂ and organic vapors

Alarms:

360° ultra-bright LED, 90 dB at 30 cm and vibrations

Dimensions (L x H x P): 48 x 130 x 44 mm – Weight 250 g

Ambient conditions: 20° to +50°C / from 10% to 95% HR

Ingress protection: IP 67

Run time:

- 9 hours with NiMH battery
- 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:

- No tools required - Pump automatic startup
- Maximum hose length: 30m

Certifications:

- ATEX: I M1 Ex ia I Ma
II 1G Ex ia IIC T4/T3 Ga
- CS1 (USA): Div.1, Class I, Groups A,B,C,D T4/T3
A/Ex ia IIC T4/T3 /Ga
- IEC: Ex ia I Ma
Ex ia IIC T4/T3 Ga for MQG 01
- CE marking: Electromagnetic compatibility 2004/108/CE
ATEX Directive 94/9/CE
- MED: Marine Equipment Directive 96/98/EC

Product description

► Various monitoring possibilities

Thanks to the combination of ergonomic design and innovative infrared technology, the **X-am® 5600** is the world's smallest gas detection device. This 1-to-6 gas detector reliably monitors explosive, combustible and harmful concentrations of O₂, Cl₂, CO, CO₂, H₂, H₂S, HCN, NH₃, NO, NO₂, PH₃, SO₂, O₃, Amine, Odorant, COCl₂ and organic vapors.

► Small yet robust

Small, light and easy to use - the **X-am® 5600** is designed for use in tough industrial environments. The integrated rubber overmold and the shock-resistant sensors provide a reinforced protection in case of impact or vibrations. The device is water- and dustproof according to the IP 67 standard and to provides optimal functionality even after being plunged into water.

► Durable infrared technology

The IR Explo infrared sensor can detect explosive and flammable hydrocarbons concentrations in the lower explosive limits. This sensor can also monitor methane, propane and ethylene with a measuring range set at 0-100% vol. The IR CO₂ sensor features an outstanding measuring resolution (0.01% vol.) for reliable and accurate measurements in presence of carbon dioxide in ambient air. A dual IR CO₂ Ex sensor is available for applications that require reliable monitoring of explosive substances and CO₂.

► High performance electrochemical sensors

Equipped with durable XXS sensors, the Dräger **X-am® 5600** offers maximum safety with low operating cost. Thanks to their resistance and excellent stability, the sensors feature an outstanding durability – over 4 years - which helps on reducing operating costs.

► Diffusion or pump mode

An optional external pump with 30 meters hose can be added for remote control before interventions in pits, tanks or to search for leaks. The pump automatically activates upon the device startup. It is then easy to switch from diffusion to pump mode - without any tools required.



► An innovative area monitoring

The X-zone 5500 area monitor transforms Dräger X-am 5000, 5100 and 5600 personal gas detectors into innovative area monitors that suit in many applications. A patented combination for increased safety!

Sensors references

Gas	Measuring range	Resolution	Part Number
Ex (IR)	0 - 100 % LIE	1 % LIE	68 12 180
CO2 (IR)	0 - 5 %/vol.	0,01 %/vol.	68 12 190
Ex / CO2 (IR)	0 - 100 % LIE 0 - 5 %/vol.	1 % LIE 0,01 %/vol.	68 12 190
Amine	0 - 100 ppm	1 ppm	68 12 545
Cl2 (Br2, F2, ClO2)	0 - 20 ppm	0,05 ppm	68 10 890
CO	0 - 2 000 ppm	2 ppm	68 13 210
CO / 5 years lifetime	0 - 2 000 ppm	2 ppm	68 12 212
CO / H2 compensated	0 - 2 000 ppm	2 ppm	68 11 950
CO / Hight concentration	0 - 10 000 ppm	5 ppm	68 12 010
CO / H2S	0 - 2 000 ppm CO 0 - 200 ppm	2 ppm 1 ppm	68 11 410
CO2	0 - 5 %/vol.	0,1 %/vol.	68 10 889
COCl2	0 - 10 ppm	0,01 ppm	68 12 005
H2	0 - 2 000 ppm	5 ppm	68 12 370
H2 / Hight concentration	0 - 4 %/vol.	0,01 %/vol.	68 12 025
H2S	0 - 200 ppm	1 ppm	68 10 883
H2S / 5 years lifetime	0 - 200 ppm	1 ppm	68 12 213
H2S / Low concentration	0 - 100 ppm	0,1 ppm	68 11 525
H2S / Hight concentration	0 - 1 000 ppm	2 ppm	68 12 015
HCN	0 - 50 ppm	0,1 ppm	68 10 887
HCN	0 - 50 ppm	0,5 ppm	68 13 165
NH3	0 - 300 ppm	1 ppm	68 10 888
NO	0 - 200 ppm	0,1 ppm	68 11 545
NO2	0 - 50 ppm	0,1 ppm	68 10 884
NO2 / Low concentration	0 - 50 ppm	0,02 ppm	62 12 600
O2	0 - 25 %/vol.	0,1 %/vol.	68 10 881
O2 / 5 years lifetime	0 - 25 %/vol.	0,1 %/vol.	68 12 211
O2	0 - 100 %/vol.	0,5 %/vol.	68 12 385
O3	0 - 10 ppm	0,01 ppm	68 12 005
Odorant	0 - 40 ppm	0,5 ppm	68 12 535
OV	0 - 200 ppm	0,5 ppm	68 11 530
OV-A	0 - 200 ppm	1 ppm	68 11 535
PH3	0 - 20 ppm	0,01 ppm	68 10 886
PH3 (AsH3, B2H6, GeH4, SiH4, H2Se)	0 - 2 000 ppm	1 ppm	68 12 020
SO2	0 - 100 ppm	0,1 ppm	68 10 885

Items references

Designation	References
X-am 5000 detector with support CD and conformity and calibration certificates	83 21 050
Standard charging kit with charging module and individual power supply (universal)	83 18 785
Dräger X-am® 1/2/5x00 external pump	83 27 115
Confined space entry kit with external pump and 3 meters hose	83 27 117
Carrying case for Dräger X-am® 1/2/5x00 external pump (empty)	83 27 104
Dräger GasVision7	83 25 646
DIRA USB kit with USB wire and IR communication adaptor	83 17 409

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