

▶ X-am® 2500

Portable 4 gases detector (%LEL, O2, CO, H2S)

3 year
FULL WARRANTY



Technical specification

Measuring range:

Combustible gases: from 0 to 100% LEL in 1% increment

Oxygen (O2): from 0 to 30% vol. in 0.1% increment

Carbon monoxide (CO): from 0 to 2,000 ppm in 1 ppm increment

Hydrogen sulfide (H2S): from 0 to 500 ppm in 0.1 ppm increment

Alarm:

360° ultra-bright indicators, 90 db sounder at 30cm, vibrating alarm
 Dimensions (L x H x D): 48 x 130 x 44 mm - Weight: 220/250g

Ambient conditions:

Protection class: IP 67 T

temperature: - 20 to + 50 °C

Relative humidity: 10 to 95 % RH

Battery life:

> 12 to 13h with NiMH HC

Charging time < 4 h

Data logger:

Data retrievable using an infrared interface > 1000 hours for 4 gases. Recording interval: 1 value per minute

Certifications:

ATEX :

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

CSA (Canada & USA):

Class I Div. 1 Group A, B, C, D 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:

ATEX Directive 94/9/CE

MED Marine Equipment Directive 96/98 EC

Product description

▶ The prime portable 4 gas detector

The X-am® 2500 portable 4 gas detector has been especially designed to monitor combustible gases and vapors, O2, CO, H2S, NO2 and SO2. Reliable and proven detection technology, sensor long shelf life and ease of use ensure high safety level and very low operating costs.

▶ Ex sensor resistant to poisoning

The Ex catalytic sensor features an excellent resistance against silicon and hydrogen sulfide poisoning. Combined with its high stability, this sensor has an outstanding long-lasting shelf life of more than 4 years.

▶ Long-lasting electrochemical sensors

Enhanced and powerful XXS sensors for CO, H2S, O2, SO2 and NO2 enable safe use in the industry and refineries. The lead-free oxygen sensor – like the CO and H2S sensors – features a particularly long shelf life, making this detector notably reliable with low operating costs.

▶ Ergonomic and robust design

The X-am® 2500 offers high comfort thanks to its low weight and ergonomic design. An integrated rubber protection and shock-resistant sensors provide reinforced safety. This device is resistant to water and dust in compliance with the IP 67 class, which makes it operational even after being immersed in water.

▶ Maximum safety

The X-am® 2500 is Ex zone 0 certified. Providing high safety in areas subject to explosion hazard to its user. Thanks to its practical design, gas can enter the unit from above and from the front even if the instrument is inside a pocket or if a gas entry is accidentally covered.

▶ Diffusion or pump mode

An optional external pump with a hose up to 30 meters long is an ideal solution for remote sample measurements in tanks or pits or to detect leaks. The pump automatically starts upon detector start-up.

The switch from diffusion to pump operation can be handled quickly and easily without any tool.

