

GAS DETECTION FOR OIL & GAS EXPLORATION



Measuring toxic & hazardous gases

New Cosmos - BIE,
a New Cosmos Group Company.
Your solution for measuring flammable and toxic
gases in Oil and Gas industry.

More than 50 years of experience and a strong
proven track record with respect to solutions for
gas detection.

- Onshore and Offshore
- Chemical plants
- Petrochemical plants
- Power plants
- LNG Terminals



Fixed detection



KD-12 Detector-Indicator-Transmitter

Ridged design, suitable for all industrial applications.

Ranges	Available from ppm to 100 Vol. %
Detection method	Diffusion type / ATEX certified
Power supply	24 VDC (18-30 VDC)
Output	4 - 20 mA, potential free relays contact + HART
Power consumption	< 3 W

PD-12 Detector-Indicator-Transmitter

Very strong design, suitable to detect a wide range of flammable and toxic gases in industrial applications and locations with limited access.

Ranges	Available in a wide range from ppm to 100 Vol. %
Detection method	Sample draw / ATEX certified
Power supply	24 VDC (18-30 VDC)
Output	4-20 mA, potential free relays contact
Power consumption	< 7.5 W

Portable detection



XP-31XX Series Portable Detectors

Robust design and suitable for a wide range of industrial applications.

Designed to detect small traces of leaks at gas cabinets, panels metering stations etc.

Ranges	Ranges from 500 ppm to 100 Vol % and 0 - 25 Vol.% O ₂
Detection method	Sample draw / ATEX and UL Certified
Power supply	4 x AA type dry cell batteries
Comes with	Internal memory to store the measured values
Display	LCD with back-light
Optional	<ul style="list-style-type: none"> Sample tube/hose extension Software & cable to download & print out measurements



XA-4400 II Series Multi Gas Detectors

Robust and waterproof design multi gas detector suitable to measure up to 4 different gases in one device.

Range	0-100% LEL CH ₄ , 0-25 VOL% O ₂ , 0-30 ppm H ₂ S and 0-300ppm CO
Detection method	Diffusion type, optional sample draw
Power supply	1 x AAA type battery up-to 40 hours of detection



SDM-72/73 Portable Grease / Oil Steel Dust meter

Unique portable device suitable to check the condition of bearings.

Also suitable for robots and low speed rotating machinery.

Range	0-5 or 0-2% Wt
Detection method	Electromagnetic induction
Power supply	4 x AA type batteries



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