

iGAS DETECTOR CO₂

Portable Gas Detector



Portable. Reliable. Life-saving.

You can not see or smell it, but carbon dioxide can accumulate in confined spaces and become hazardous before you even realize it is present.

The **iGas Detector CO₂** is your early warning system — constantly monitoring CO₂ levels and alerting you with LED, sound, and vibration before danger strikes. With a high-performance infrared sensor, it ensures your safety while keeping your operations compliant.

Do not take any chances. Protect yourself and your team with the most reliable CO₂ detector on the market.

Features

- Rugged and durable
- Rechargeable Li-ion battery
- 14 days of use by one charge
- Replaceable sensor
- Calculates time-weighted average (TWA)
- Calculates short-term exposure limit (STEL)
- Easy configuration and data management via PC software



SIMPLY RELIABLE REFRIGERANT GAS DETECTORS

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Applications

- Machinery Rooms
- Confined Spaces
- Food processing
- Alone work
- Breweries
- Ice Rinks



iGAS DETECTOR CO₂ TECHNICAL DATA



Specifications

Model	iGas Detector CO ₂
Display	LCD Display
Resolution	0.01 % Vol / 100 ppm
Alarm	LED flashing, sound, vibration
Audible	90 dB at 10 cm
IP	IP67
Battery	Rechargeable Li-ion (polymer) power supply unit (500 mAh)
Temperature	-20°C ~ +50°C
Charging Time	100 minutes
Humidity	5% ~ 95% RH (Non-condensing)
Case	Rubber Enclosure
Size & Weight	30 (W) x 50 (H) x 35 (D) mm, 135 g.
Battery Life	14 days
Sensor Life-Time	5 - 7 years
Sensor Range	0 - 5 %Vol or 50000 ppm
Warranty	2 years
Event Log	Recent 30 alarms
Approval	EMC directive (2014/30/EU), ROHS 2
Calibration Interval	Every six months

Standard Package Contents

- Detector complete with stainless steel alligator clip
- Adaptor with 5 plugs
- Calibration cap
- User manual
- Calibrate test certification

Article No.	Model	Details	PG
iGas Detector CO₂			
5000-0004	Portable Gas Detector CO ₂	Portable Single Gas Detector	C

Remember to calibrate regularly

Portable gas detectors must be calibrated every **six months** to ensure optimal performance and safety.

For detailed procedures and pricing, please contact your authorized distributor.

