

**CROWCON**  
Detecting Gas Saving Lives

# Gas-Pro

## Professional Multi-Gas Monitor

Up to 5 sensors  
Powerful  
Pump ready



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## Professional Multi-Gas Monitor with Optional Pump

Designed with industrial environments and fleet managers in mind, Gas-Pro offers detection of up to 5 gases in a compact and rugged solution capable of withstanding harsh environments and everyday use. Gas-Pro has an easy-to-read top mount display combining ease of use with user-focused features. An optional internal pump, activated with the flow plate, takes the pain out of pre-entry testing and allows Gas-Pro to be worn either in pumped or diffusion modes.



Gas-Pro is compatible with a wide range of sensor options including an Infrared (IR) sensor for detection of flammable gasses and CO<sub>2</sub> with guaranteed fast response, very low maintenance requirements, long lifespan and fail-safe operation. In addition Gas-Pro is also available with a PID sensor for detection of a wide range of VOCs perfect for the chemical industry especially if working with tanks containing solvents.

### User friendly

Top mount display	Makes it easy to read at a glance
Simple single button operation	Can be used whilst wearing gloves
Intuitive functionality	Reduces training time

### Adaptable

Monitor 5 gases from many different options	
Pumped and diffusion solutions	Offers multiple uses within one compact detector
Multiple languages	
IR/PID options	Further protecting against a number of explosive gases and compounds
Automatic fail-safe flow plate recognition	
Specific and unique Pre-Entry Check (PEC) mode	Takes away the pain of pre-entry testing

### Reliable

Reliable lithium-ion battery	Provides over 14 hours use from a 7.5 hour charge
Water and dust resistant to IP65 and IP67	Capable of withstanding harsh environments
Bump and calibration reminders	Helps ensure full compliance at all times



## Gases and ranges

Gas	Range	Typical alarms	Resolution
Ammonia (NH <sub>3</sub> )	0-100ppm	25ppm	1ppm
Carbon dioxide IR (CO <sub>2</sub> )	0-5% vol.	0.5% vol.	0.01% vol.
Carbon monoxide (CO)	0-2000ppm	30ppm	1ppm
Carbon monoxide (CO)	0-500ppm	30ppm	1ppm
Carbon monoxide (hydrogen filtered)	0-2000ppm	30ppm	1ppm
Chlorine (Cl <sub>2</sub> )	0-5ppm	0.5ppm	0.1ppm
Dual toxic (CO-H <sub>2</sub> S)	H <sub>2</sub> S 0-100ppm	5ppm	1ppm
	CO 0-500ppm	30ppm	1ppm
Flammable	0-100% LEL	20% LEL	1% LEL
Flammable IR	0-100% LEL	20% LEL	1% LEL
Hydrogen sulphide (H <sub>2</sub> S)	0-100ppm	5ppm	1ppm
Nitrogen dioxide (NO <sub>2</sub> )	0-20ppm	1ppm	0.5ppm
Oxygen (O <sub>2</sub> )	0-25% vol	19.5% / 23.5% vol.	0.1% vol
Ozone (O <sub>3</sub> )	0-1ppm	0.1ppm	0.01ppm
Sulphur dioxide (SO <sub>2</sub> )	0-20ppm	1ppm	0.1ppm
Chlorine dioxide (ClO <sub>2</sub> )	0-1ppm	0.1ppm	0.1ppm
Nitric oxide (NO)	0-100ppm	25ppm	1ppm

Further gas types will be available - contact Crowcon with your requests.

## Specification

Size	43 x 130 x 84mm (1.7 x 5.1 x 3.3ins)
Weight	309g 4 gas (10.8oz)/ 340g pumped (11.9oz) 333g 5 gas (11.7oz)/ 362g pumped (12.7oz)
Alarms	Audible >95dB @ 30cm (98dB @30cm in loud mode) Visual - all angle dual red/blue LEDs Vibrating alert
Display	Top mount for ease of view with dual colour backlight (green/red)
Data Logging	125hrs at 10-second intervals (45,000 logs)
Event Logging	Alarm, over range, calibration, bump, on/off, TWA, 1000 events
Battery	Rechargeable Li-ion, >14 hours (13 hours pumped operation) based on CH <sub>4</sub> , O <sub>2</sub> , H <sub>2</sub> S, CO Typical charge time 7.5 hours
Sampling	Internal pump as option
Operating temperature	-20°C to +55°C (-4°F to +131°F) **
Storage	-20°C to +65°C (-4°F to +149°F)
Humidity	10 to 95% RH *
Ingress protection	Independently tested to IP65 and IP67
Approvals	IECEX: Ex db ia IIC T4 Gb Tamb -20°C to +55°C ATEX: II 2 G Ex db ia IIC T4 Gb Tamb -20°C to +55°C UL: Class 1 Div 1, Groups A, B, C, D, UL 913, UL 60079-0 and UL 60079-11 INMETRO: Ex db ia IIC T4 Gb Tamb -20°C to +55°C Marine Equipment Directive: MED 1500009/M1 
Compliance	EMC FCC CFR 47 Part 15, ICES-0003
Interface	Data connection for gas test solutions and direct to PC
Charging	Direct connection to multiregional power supply Vehicle charger adaptor Desktop cradle USB power and communications lead

\* Sensors humidity range varies by sensor type, consult Crowcon for further details.

\*\* Toxic and Oxygen sensors are not rated for continuous operation at high temperatures.

Consult Crowcon if operating temperatures are likely to exceed 40°C (104°F) for extended periods.