Gas-Pro

Portable Gas Detection Equipment

- User friendly
- Reliable
- Adaptable

Gas-Pro

Portable 5 gas detector with optional pump

When lives and property are at risk and you need gas detection equipment that is totally reliable, you need Crowcon. For over 40 years Crowcon has been developing and manufacturing high quality products with a reputation for reliability and technical innovation.

Crowcon provide both single gas and multigas monitors for personal monitoring and portable safety applications providing protection against a wide range of industrial gas hazards.

Choosing the portable gas detector for your needs

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.

User friendly

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

Adaptable

Monitor 5 gases from many different options	
Pumped and diffusion solutions	Offers multiple uses within one compact detector
Multiple languages	
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	Full compliance

Bump test solutions

With an increased focus on regular bump testing of gas detection through regulation and individual company requirements, bump testing has become even more important. Crowcon offer bump test solutions with I-Test and Q-test.

I-Test

I-Test offers a full bump and calibration system which is easy to use and records the results of the test. With I-Test Manager you can run reports and look at the data that has been collected through the I-Test system making your site fully compliant. Calibration and Bump certificates can be printed easily at a few clicks of a button. Ideal for large fleet users, the I-Test will look after a fleet of hundreds of detectors making your life easier.

Q-Test

The Q-Test requires no power and is therefore ideally suited to remote users. Crews can now complete their functional check immediately prior to entry ensuring they are compliant. The power enabled option allows users to charge Gas-Pro on the move. Multiple mounting options and cylinder holder will enure that Gas-Pro is ready to protect workers when needed.

Gas-Pro Specifications:

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 color 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_4, O_2, H_2S, CO Typical charge time 7.5 hours
Sampling	Internal pump as option
Operating temperature	-20ºC to +55ºC (-4ºF to +131ºF)
Storage	-25ºC to +65ºC (-13ºF to +149ºF)
Humidity	10 to 95% RH+
Ingress protection	Independently tested to IP65 and IP67
Approvals	IECEx: Ex d ia IIC T4 Gb Tamb -20ºC to +55ºC ATEX: II 2 G Ex d ia IIC T4 Gb Tamb -20ºC to +55ºC UL: Gas detector use in hazardous locations Class 1, Division 1, Groups A, B, C, and D only as to intrinsic safety INMETRO
Compliance	FCC and CE Complies with EMC Directive 2004/108/EC EN50270 and ICES-003
Interface	Data connection for gas test solutions and direct to PC
Charging	Direct connect to multiregion power supply Vehicle charger adaptor Desk top cradle USB power and communications lead

Gases and Ranges:

Gas	Range	Typical Alarms	Resolution
Ammonia (NH_3)	0-100ppm	25ppm	1ppm
Carbon dioxide (CO_2)	0-5% vol.	0.5% vol.	0.01% vol.
Carbon monoxide (CO)	0-2000ppm	35ppm	1ppm
Carbon monoxide (CO)	0-500ppm	35ppm	1ppm
Carbon monoxide (hydrogen filtered)	0-2000ppm	35ppm	1ppm
Chlorine (Cl_2)	0-5ppm	0.5ppm	0.1ppm
Dual toxic (CO-H_2S)	H_2S 0-100ppm CO 0-500ppm	10ppm 35ppm	1ppm 1ppm
Flammable	0-100% LEL	10% LEL	1% LEL
Hydrogen sulfide (H_2S)	0-100ppm	10ppm	1ppm
Nitrogen dioxide (NO_2)	0-20ppm	3ppm	0.5ppm
Oxygen (O_2)	0-25% vol.	19.5%/ 23.5% vol.	0.1% vol.
Ozone (O_3)	0-1ppm	0.1ppm	0.01ppm
Sulfur dioxide (SO_2)	0-20ppm	2ppm	0.1ppm
Chlorine dioxide (ClO_2)	0-1ppm	0.1ppm	0.1ppm
Nitric oxide (NO)	0-100ppm	25ppm	1ppm

Gas-Pro Accessories:

Multiregion power supply

Chest harness straps

Charger cradle

Pumped flow plate

USB communications lead