

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)<br>333g 5 gas (11.7oz)/ 362g pumped (12.7oz)  |
| Alarms                | Audible >95dB @ 30cm (98dB @30cm in loud mode)<br>Visual - all angle dual red/blue LEDs<br>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<br>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<br>ATEX: II 2 G Ex db ia IIC T4 Gb Tamb -20°C to +55°C<br>UL: Class 1 Div 1, Groups A, B, C, D, UL 913, UL 60079-0 and UL 60079-11<br>INMETRO: Ex db ia IIC T4 Gb Tamb -20°C to +55°C<br>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<br>Vehicle charger adaptor<br>Desktop cradle<br>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.

Gas-Pro  
Professional  
Multi-Gas  
Monitor

Up to 5 sensors  
Powerful  
Pump ready



# Gas-Pro

## 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 CO2 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    | Offers multiple uses within one compact detector                     |
| Pumped and diffusion solutions                 |  |
| Multiple languages                             |  |
| IR/PID options                                 | Further protecting against a number of explosive gases and compounds |
| Automatic fail-safe flow plate recognition     | Takes away the pain of pre-entry testing                             |
| Specific and unique Pre-Entry Check (PEC) mode |  |

### 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.

#### Disclaimer

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