Ribble Enviro

...everything gas detection

Data Sheet

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PORTABLES

GAS-PRO

Personal Multi-Gas Monitor

Designed with industrial environments and fleet managers in mind,Gas-Pro offers detection of up to 5 gases in a compact and rugged solution.

Detect gases such as hydrogen sulphide and carbon monoxide while monitoring oxygen depletion with the Gas-Pro: a portable multi-gas detector with a pre-entry check mode, providing compact detection of up to 5 gases.

The Gas-Pro portable multi gas detector offers detection of up to 5 gases in a compact, reliable and intuitive solution. With simple, single button operation, it is easy to use even when wearing gloves. Its simplicity means there is minimal training required

With a backlit top-mount display and small size, the Gas-Pro portable is a great choice for poorly lit and confined conditions. It's also water and dust resistant and provides bump and calibration reminders, ensuring it remains reliable in even the harshest environments.

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.

GASES & RANGES

GASES & RANGES		
GAS	**RANGE**	**RESOLUTION**
Ammonia (NH_3)	0-100ppm	1ppm
Carbon dioxide (CO_2)	0-5% vol	0.01% vol
Carbon monoxide (CO)	0-500ppm 0-2000ppm 0-2000ppm (hydrogen filtered)	1ppm 1ppm 1ppm
Chlorine (Cl_2)	0-5ppm	0.1ppm
Flammable	0-100% LEL	1% LEL
Hydrogen sulphide (H_2S)	0-100ppm	1ppm
Nitrogen dioxide (NO_2)	0-20ppm	0.5ppm
Oxygen (O_2)	0-25% vol	0.1% vol
Ozone (O_3)	0-1ppm	0.01ppm
Hydrogen Cyanide (HCN)	0-30ppm	1ppm
Sulphur dioxide (SO_2)	0-20ppm	0.1ppm
Chlorine dioxide (ClO_2)	0-1ppm	0.1ppm
Nitric oxide (NO)	0-100ppm	1ppm
Hydrogen Cyanide (HCN)	0-30ppm	0.1ppm
Methane*	0-100% LEL	1% LEL
Hydrogen*	0-100% LEL	1% LEL
Propane*	0-100% LEL	1% LEL
Ethane*	0-100% LEL	1% LEL
Acetylene*	0-100% LEL	1% LEL

*In-field pellistor programmable gasses

crowcon
DETECTING GAS. **SAVING LIVES.**

SPECIFICATIONS

DEVICE 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 @ 11.8in (98dB @11.8in 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)
LOGGING	Data: 125hrs at 10-second intervals (45,000 logs) Events: Alarm, over range, calibration, bump, on/off, TWA Resume, 1000 events
BATTERY	Rechargeable Li-ion battery >14 hours (13 hours pumped operation) based on CH4, O2, H2S, CO Typical charge time 7.5 hours
SAMPLING	Internal pump as option
OPERATING TEMPERATURE	-20 to +55°C (-4°F to +131°F)*
STORAGE TEMPERATURE	-20 to +65°C (-4°F to +149°F)
HUMIDITY	10-95% RH**
INGRESS PROTECTION	Independently tested to IP65 and IP67
COMPLIANCE	FCC and CE. Complies with EMC Directive 2014/30/EU, EN50270
APPROVALS	IECEx: Ex db ia IIC T4 Gb Tamb -20oC to +55oC ATEX and UKCA: II 2 G Ex db ia IIC T4 Gb Tamb -20oC to +55oC 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 -20oC to +55oC Marine Equipment Directive: MED 1500009/M1
CROWCON CONNECT COMPATIBLE?	Yes

*Toxic and oxygen sensors are not rated for continuous operation above 50°C (122°F)
** Sensors humidity range varies by sensor type, consult Crowcon for further details

Disclaimer
Due to ongoing research and product improvement, specifications are subject to change without notice. While every effort has been made to ensure accuracy in this document, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This document is not intended to form the basis of a contract.

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