RESPO PRODUCTS
RESPO SAFETY SOLUTIONS

Gas-Pro

PERSONAL MULTI GAS DETECTOR FOR CONFINED SPACES

CROWCON
Gas Detection You Can Trust

respo
response for life.

Gas-Pro PID

Gas-Pro PID offers detection of up to 5 gases in a compact and rugged solution, and detects a number of Volatile Organic Compounds. These organic compounds are characterised by their tendency to evaporate easily at room temperature. Familiar substances containing VOCs include solvents, paint thinners and glues, as well as the vapours

Gas-Pro IR

Gas-Pro IR provides rapid detection of explosive gases where conventional pellistor sensors may not be suitable, especially in low oxygen environments such as storage tanks purged with an inert gas. In IR sensors, gas is measured using two different wavelengths: one that absorbs gas and the other that does not. This allows for easy measurement and high sensitivity to gases. Unlike pellistor sensors, IR sensors are resistant to silicon poisoning and require less frequent

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.

Infrared (IR) sensor for detection of flammable gases and CO_2, which guarantees fast response and fail-safe operation. IR sensor also requires little maintenance and provides reliable protection over many years. In addition, Gas-Pro IR is available with PID sensor for use in the chemical industry, especially if working in or around tanks that contain solvents.

User Friendly

TOP MOUNTED 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 users with one compact detector
MULTIPLE LANGUAGES	
IR/PID OPTIONS	Protecting against Explosive gases and VOC's
AUTOMATIC FAIL-SAFE FLOW PLATE RECOGNITION	Takes away the pain of pre-entry testing
SPECIFIC AND UNIQUE PRE-ENTRY CHECK (PEC) MODE	

Reliable

RELIABLE LI-ION BATTERY	Provides over 14 hours use from 7.5 hrs charge
WATER AND DUST RESISTANT IP-65 AND IP-67	Capable of withstanding harsh environments
BUMP AND CALIBRATION REMINDERS	Full compliance

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 ensure that Gas-Pro is ready to protect workers when needed.

Bump Test Solutions

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.

Specifications

Size	43 x 130 x 84 mm
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 Life	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 (Optional)
Operating Temperature	$-20^\circ C$ to $+55^\circ C$
Storage Temperature	$-20^\circ C$ to $+65^\circ C$
Humidity	10 to 95% RH+
Ingress Protection	Independently tested to IP65 and IP67

IECEx: Ex d ia IIC T4 Gb T_{amb} $-20^\circ C$ to $+55^\circ C$
ATEX: II 2 G Ex d ia IIC T4 Gb T_{amb} $-20^\circ C$ to $+55^\circ C$
UL: Gas detector use in hazardous locations Class 1, Division 1, Groups A, B, C, and D
INMETRO: Ex d ia IIC T4 Gb T_{amb} $-20^\circ C$ to $+55^\circ C$
Marine Equipment Directive: MED 1500009/M1
PESO

Slot 1 Oxygen	O2: 0-25% v/v O2: 0-25% v/v (3 Year)
Slot 2 Pellistor	Methane: 0-100% LEL Butane: 0-100% LEL Propane: 0-100% LEL Pentane: 0-100% LEL Hydrogen: 0-100% LEL Acetylene: 0-100% LEL Ethylene: 0-100% LEL
Slot 3 Infra Red	IR: Methane: 0-100% LEL IR: Butane: 0-100% LEL IR: Propane: 0-100% LEL

Slot 4-6 Toxics

Dual Sensor: CO: 0-500 ppm+H2S 0-100 ppm
SO2: 0-20 ppm (H2S) Filtered
Cl2: 0-5 ppm (Diffusion Only)
O3: 0-1 ppm (Diffusion Only)
NO: 0-100 ppm (Diffusion Only)
NH3: 0-100 ppm
NO2: 0-20 ppm
ClO2: 0-1 ppm (Diffusion Only)
CO: 0-500 ppm, 0-2000 ppm, 0-2000 ppm (H2 null)
H2S: 0-100ppm, 0-1000 ppm
CO2 (IR):0-5% v/v

Multiregion power supply

Chest harness straps

Charger cradle

Pumped flow plate

USB communications lead

Celebrating 25 years
Proud of our Past.
Focused on our Future.

marketing@respoproducts.com

www:// respoproducts.com

1800-180-73776

respo *response* for life.