

GAS-PRO TK

Tank Gas Specialist

Specialised tank monitor perfect for customers who want to purge, free, or maintain storage and transportation tanks.



Specially designed to measure the concentration of flammable gas in inerted tanks, the Gas-Pro TK dual range portable monitor offers infrared technology and confined space pre-entry check make it the most reliable tool for the job.

Offering detection of up to five gases including methane, butane and propane, Gas-Pro TK uses a dual IR sensor – the best technology for this specialist environment, which means Gas-Pro TK dual IR isn't inhibited by high hydrocarbon concentration unlike catalytic bead/pellistor sensors.

Unlike single IR sensors, the Gas-Pro TK dual IR measures both %vol as well as %LEL concentration, auto-ranging between the two. It also keeps an eye on oxygen concentrations in the tank, telling you when the oxygen levels are low enough to load and store fuel safely, and high enough for safe tank entry.

Weighing only 340g with an easy-to-read top mount display and user focused features, it's the perfect companion to keep your technician safe throughout their working day.

GASES & RANGES

| GASES & RANGES | | |
|--------------------------------------|--|------------|
| GAS | RANGE | RESOLUTION |
| Carbon monoxide (CO) | 0-500ppm 0-2000ppm 0-2000ppm (hydrogen filtered) | 1ppm |
| Hydrogen sulphide (H ₂ S) | 0-100ppm 0-1000ppm | 1ppm |
| Oxygen (O ₂) | 0-25% vol | 0.1% vol |
| Hydrogen Cyanide (HCN) | 0-30ppm | 0.1ppm |
| Methane | 0-100% LEL | 1% LEL |
| Propane | 0-100% LEL | 1% LEL |
| Butane | 0-100% LEL | 1% LEL |

SPECIFICATIONS

| DEVICE SPECIFICATIONS | |
|------------------------------------|---|
| SIZE | 43 x 130 x 84mm (1.7 x 5.1 x 3.3ins) |
| WEIGHT | 340g pumped |
| ALARMS | Audible: 95dB 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: TWA Resume, 1000 events |
| BATTERY | Rechargeable Li-ion battery 13 hour typical runtime (4 sensors, pump running) Typical charge time 7.5 hours |
| SAMPLING | Internal pump with 30m draw |
| 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 | EMC 2014/30/EU ATEX 2014/34/EU Marine Equipment Directive (MED) 1500009/M1 |
| APPROVALS | IECEX: Ex db ia IIC T4 Gb Tamb -20°C to +55°C ATEX and UKCA: Ex 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 Ga Tamb -20°C to +55°C 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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