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 fl ammable gas in inerted tanks, the Gas-Pro TK dual range portable monitor offers infrared technology and confi ned space pre-entry check make it the most reliable tool for the job.

Offering detection of up to fi ve 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

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GAS	**RANGE**	**RESOLUTION**
Carbon monoxide (CO)	0-500ppm 0-2000ppm 0-2000ppm (hydrogen filtered)	1ppm
Hydrogen sulphide (H_2S)	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

kdf Gas Detection Specialists

crowcon DETECTING GAS. SAVING LIVES.

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

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