Gas-Pro TK

Specialised Personal Tank Monitor with Dual Range Sensor

The Tank Gas Specialist

Hydrocarbons stored in inerted environments create a particular flammable gas detection challenge, whether during transport at sea or storage on shore. Gas-Pro TK dual range portable monitor is designed for use in this specialist environment where standard gas detectors just won't work whether tank purging or gas freeing.

Gas-Pro TK is an extension of the Crowcon Gas-Pro range. Therefore, in addition to its superb Tank Check capabilities, it also offers the full personal gas detection and confined space pre-entry check functionalities provided by other Gas-Pro units. Gas-Pro TK units are black, so you can easily tell them apart form other Gas-Pro in your detector fleet.

Features

- ✔ Dual IR-sensor for %LEL & %VOL

- ✔ High H2S-sensor option

- ✔ Automatic flow plate recognition

- ✔ Simple single button operation

- ✔ Alarms disabled in tank mode

- ✔ Confined space pre-entry check function

Gases and ranges

Gas	Range	Resolution
Oxygen (O_2)	0-25% vol	0.1% vol
Methane	0-100% LEL / 0 - 100% vol	1% LEL / 1% vol
Propane	0-100% LEL / 0 - 100% vol	1% LEL / 1% vol
Butane	0-100% LEL / 0 - 100% vol	1% LEL / 1% vol
Hydrogen Sulphide (H_2S)	0 -100ppm	1ppm
	0 - 1000ppm	
Carbon Monoxide (CO)	0 - 500ppm	1ppm
	0 - 2000ppm	
	0 - 2000ppm (H_2 filtered)	

Specification

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Size		43 x 130 x 84mm (1.7 x 5.1 x 3.3in)
Weight		340 g (11.9 oz)
Alarms	Audible	95db
	Vibrating	Integrated
	Visible	Red and Blue LEDs
Display		Bright top mounted display can be viewed while worn
Logging	Data	125h data @ 10s intervals
	Events	TWA Resume, 1000 Events
Battery	Rechargeable Li-ion battery	13 hour typical runtime (4 sensors, pump running) 7.5 hour recharge
Sampling		Internal pump with 30m draw
Environment	Operating temperature	-20 to +55°C (-4°F to +131°F)*
	Humidity	10-95% RH non-condensing
	Ingress protection	Independently tested to IP65 and IP67
Compliance		EMC 2014/30/EU
		ATEX 2014/34/EU
		Marine Equipment Directive (MED) 1500009/M1
Approvals	ATEX and UKCA	Ex II 2 G Ex db ia IIC T4 Gb Tamb -20°C to +55°C
	IECEx	Ex db ia IIC T4 Gb Tamb -20°C to +55°C
	UL	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
	MED	Marine Equipment Directive (MED) 1500009/M1
Accessories included		Integrated Alligator clip and tethering loop
		Calibration plate
Crowcon Connect Compatible?	Yes	

*The CO, H$_2$S and O$_2$ sensors are not rated for continuous operation at high temperatures.
Consult Crowcon if operating temperatures are likely to exceed 50°C (122°F) for extended periods.