

Ribble Enviro
...everything gas detection

Data Sheet

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T4

Personal 4 Gas Monitor

T4 integrates innovative safety features and an intuitive, rugged design to provide advanced protection for those working in harsh environments



The T4 provides portable detection for the four most common gas hazards in one, simple to operate, durable device, to ensure compliance across a variety of sectors and environments.

Whether it's detecting the presence and levels of carbon monoxide, hydrogen sulphide and other flammable gases, or monitoring oxygen depletion, the T4 is the simple, portable solution with an 18+ hour battery life.

Offering you compliance, robustness and low cost of ownership in a simple to use solution, the large single button and intuitive menu system allows T4 to be operated wearing gloves with minimal training.

Crowcon's toughest portable yet, T4 is durable by design and includes an integrated rubber boot as standard. An optional clip-on filter cover, which is easily removed and replaced, ensures sensors are protected in the dirtiest environments. Drop tested to 4m and well protected from water ingress through IP65 and IP67 certification, T4 allows uninterrupted working in the most demanding environments.

Unique to T4, the TWA Resume function ensures toxic gas exposure is calculated accurately over an entire shift, even if T4 is switched off for a break or during travel to another site, so you're always getting the most accurate readings possible.

PRODUCT VARIANTS & OPTIONS

GAS SENSOR	CONFIGURATIONS							
	2 Gas		3 Gas		4 Gas			
Oxygen (O ₂)	■	■	■	■	■	■	■	■
Oxygen (O ₂) Long-Life							■	■
Flammable Pellistor	■	■	■	■	■	■	■	■
Hydrogen sulphide (H ₂ S)			■	■	■	■	■	■
Carbon monoxide (CO)		■		■		■		■
Carbon monoxide (CO) - H ₂ immune				■		■	■	■

GASES & RANGES

GASES & RANGES		
GAS	RANGE	RESOLUTION
Oxygen (O ₂)	0-30% vol.	0.1% vol.
Oxygen (O ₂) Long-Life	0-25% vol	0.1% vol
Flammable	0-100% LEL	1% LEL
Hydrogen Sulphide (H ₂ S)	0-100ppm	1ppm
Carbon Monoxide (CO)	0-1000ppm	1ppm

SPECIFICATIONS

DEVICE SPECIFICATIONS		
SIZE	135 x 80 x 35mm (5.3 x 3.1 x 1.4in)	
WEIGHT	282g (9.9oz)	
DURABILITY	Drop tested 4m onto concrete	
ALARMS	Audible 95dB Vibrating: Integrated Visible: Bright red & blue LEDs	
DISPLAY	Front mounted, backlit, 180° flip for easy viewing while worn	
LOGGING	Data: 130 hours of data at 10s intervals Events: 3,500	
BATTERY	Rechargeable Li-ion, up to 18 hour runtime; 5.5 hour recharge	
OPERATING TEMPERATURE	-20 to +55°C (-4°F to +131°F)*	
HUMIDITY	10-95% RH @ 40°C non-condensing	
INGRESS PROTECTION	Independently tested to IP65 and IP67	
COMPLIANCE	EMC Directive 2014/30/EU	
APPROVALS	ATEX and UKCA: II 2 G Ex db ia IIC T4 Gb Tamb -20°C to +55°C (T4 Type 2) IECEX : Ex db ia IIC T4 Gb -20°C ≤ Ta ≤ +55°C (T4 Type 2) UL USA and cUL: Use in hazardous locations Class 1 Div 1 groups A,B,C,D only as to intrinsic safety INMETRO: Ex db ia IIC T4 Gb -20 °C ≤ Ta ≤ +55 °C CMED: Directive 2014/90/EU	
ACCESSORIES	Included with	Integrated alligator clip and tethering loop Bump/calibration plate
	Available separately	Single unit cradle charger; 10 unit cradle charger; Vehicle charger Clip on dust filter plate I-Test automated bump test and calibration station
CROWCON CONNECT COMPATIBLE?	Yes	

*Toxic and oxygen sensors are not rated for continuous operation above 50°C (122°F)

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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