

T4x

Personal 4 Gas Monitor

Versatile and easy to use, the T4x comes with long-life O₂ and MPST[™] sensor technologies for enhanced general protection.



T4x is Crowcon's Zone 0 approved personal protection solution for detecting the four most common gas hazards: carbon monoxide, hydrogen sulphide, flammable gases and oxygen depletion, offering you compliance and low cost of ownership in a one simple-to-use solution.

The T4x has three sensor technology options for you to select according to your needs: Dual Toxic sensor for CO and H₂S, Long-Life Oxygen (LLO₂), and the MPST[™] sensor, which has zero risk of device poisoning and can accurately identify over 15 different flammable gases in one device.

The large single button and intuitive menu system allows T4x to be operated wearing gloves with minimal training, and it is durable by design and includes an integrated rubber boot as standard, with all the durability you can expect from the T4 range. Plus, its 35+ hour battery life (double the battery life of our original T4) allows multiple or longer shifts to be worked between recharging, allowing for uninterrupted working in the most demanding environments.

PRODUCT VARIANTS & OPTIONS

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

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

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 Vibrating Visible	95dB Integrated Bright red & blue LED's
DISPLAY	Front mounted, backlit, 180° flip for easy viewing while worn	
LOGGING	Data Events	130 hours of data at 10s intervals 3,500
BATTERY	Rechargeable Li-ion	Up to 35 hours run time with MPSTM sensor fitted; 5.5 hour recharge
ENVIRONMENT	Operating temp Humidity Ingress protection	20 to +55°C (-4°F to +131°F)* 10-95% RH @ 40°C non-condensing Independently tested to IP65 and IP67
COMPLIANCE	EMC	Directive 2014/30/EU
APPROVALS	T4x	ATEX and UKCA: II 1 G Ex ia IIC T4 Ga -)1 epyT 4T(C°55+ aT C°02)1 epyT 4T(C°55+ aT C°02- aG 4T CII ai xE : xECEI UL USA and cUL: Use in hazardous locations Class 1 Div 1 groups A,B,C,D only as to intrinsic safety
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.

For more information:

t: +44 (0)1235 557700
e: info@crowcon.com
w: www.crowcon.com

Locate your Regional Sales Representative at:
www.crowcon.com/contact-us/where-to-buy

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