Specification

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 18 hour runtime; 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	ATEX IECEx UL INMETRO MED	Ex db ia IIC T4 Gb -20 °C ≤ Ta ≤ +55 °C Ex d ia IIC T4 Gb Tamb -20°C to +55°C Use in hazardous locations Class 1 Div 1 groups A,B,C,D only as to intrinsic safety Ex db ia IIC T4 Gb -20 °C ≤ Ta ≤ +55 °C Directive 2014/90/EU
Accessories	Included with T4	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

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

Disclaimer

Every effort has been made to ensure the accuracy of this document at the time of printing. In accordance with the company's policy of continued product improvement Crowcon Detection Instruments Limited reserves the right to make product changes without notice. The products are routinely subject to a programme of testing which may result in some changes in the characteristics quoted. Technical information contained in this document or otherwise provided by Crowcon are based upon records, tests, or experience that the company believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed.

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CROWCON
Detecting Gas Saving Lives

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CROWCON
Detecting Gas Saving Lives

T4

Personal 4 Gas Monitor

Carbon monoxide

Hydrogen sulphide

Oxygen

Flammable gases

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. This portable multigas detector, which is exceptionally easy to use and service, protects against the four most prevalent gas hazards: carbon monoxide (CO), hydrogen sulphide (H_2S), flammable gases and oxygen (O_2) depletion.

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Features

TWA resume function	Unique to T4, this innovative feature 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.
18 hour battery life	Safely work multiple or longer shifts between charges, covered by the 18 hour battery life.
Backlit display	Large, clear display with backlight and option to flip the screen 180° for easy viewing whilst worn.
Rugged design	With a thick anti-shock rubber casing and drop tested to 4 metres on concrete, T4 provides dependable operation under the most demanding use.
Water & dust resistant to IP65 & IP67	Provides protection in the harshest environments.
Dedicated sensors	One sensor for every gas ensures effective, fast and reliable detection.
Positive safety indicator	A simple 'traffic light' status indicator which, at a glance, provides visual assurance of operational and compliance status to both users and supervisors. Green light - Working safely Red light - Attention required
Intrinsically safe	ATEX approved and UL Class 1 Div 1 for safe operation in a wide range of hazardous environments.
Multiple alarms	Audible 95dB alarm, bright red/blue LED's and vibrating alerts provide effective warning to gas hazards.
Easy operation	Large single button and intuitive menu system minimise training and allow easy operation whilst wearing gloves.

Gases and ranges

Gas	Range	Resolution
Oxygen (O2)	0-30% vol.	0.1% vol.
Flammable	0-100% LEL	1% LEL
Hydrogen sulphide (H_2S)	0-100ppm	1ppm
Carbon monoxide (CO)	0-1000ppm	1ppm

Product variants and options

Gas	2 gas - flammable	2 gas - CO	3 gas - H_2S	3 gas - CO	3 gas - CO (H_2 immune)	4 gas	4 gas (H_2 immune)
Oxygen (O2)	▶	▶	▶	▶	▶	▶	▶
Flammable	▶		▶	▶	▶	▶	▶
Hydrogen sulphide (H_2S)			▶			▶	▶
Carbon monoxide (CO)		▶		▶		▶	
Carbon monoxide (CO) - H_2 immune					▶		▶