

# T4

## Personal 4 Gas Monitor

Now with industry leading  
MPST<sup>™</sup> flammable gas  
and Long-Life oxygen  
sensors.



# T4

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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<sub>2</sub>S), flammable gases and oxygen (O<sub>2</sub>) depletion.



# T4x



T4x helps to ensure compliance across site by eliminating the need to ensure each device is calibrated for the relevant flammable gas. T4x is Type 1, poison resistant, battery life of 35hours+ and accurately detects more than 15 flammable gases. T4x reduces the 5 year total cost of ownership by over 25% and saves 12g of lead per detector.

### 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 (O <sub>2</sub> )	0-30% vol.	0.1% vol.
Oxygen (O <sub>2</sub> ) Long Life	0-25% vol	0.1% vol
Flammable	0-100% LEL	1% LEL
Hydrogen sulphide (H <sub>2</sub> S)	0-100ppm	1ppm
Carbon monoxide (CO)	0-1000ppm	1ppm

## Product variants and options

Gas Sensor Options	Configurations											
	2 gas		3 gas			New	4 gas				New	
Oxygen (O <sub>2</sub> )	▶	▶	▶	▶	▶		▶	▶				
Oxygen (O <sub>2</sub> ) Long Life						▶			▶	▶	▶	▶
Flammable MPS™						▶					▶	▶
Flammable Pellistor	▶		▶	▶	▶		▶	▶	▶	▶		
Hydrogen sulphide (H <sub>2</sub> S)			▶				▶	▶	▶	▶	▶	▶
Carbon monoxide (CO)		▶		▶			▶			▶	▶	
Carbon monoxide (CO) - H <sub>2</sub> immune					▶	▶		▶	▶			▶

## 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; up to 35 hours run time with MPS™ 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	ATEX and UKEx  IECEX  UL  INMETRO  MED	II 1 G Ex ia IIC T4 Ga -20°C ≤ Ta ≤ +55°C (T4 Type 1) II 2 G Ex db ia IIC T4 Gb Tamb -20°C to +55°C (T4 Type 2)  Ex ia IIC T4 Ga -20°C ≤ Ta ≤ +55°C (T4 Type 1) Ex db ia IIC T4 Gb -20°C ≤ Ta ≤ +55°C (T4 Type 2)  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
Crowcon Connect Compatible?	Yes	

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

### Disclaimer

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