

Portables

Portable Gas Detection Equipment



Gas detectors and transportable monitors for personal and temporary area protection



The Crowcon portable gas detectors range

When lives and property are at risk and you need gas detection equipment that is totally reliable, you need Crowcon. For over 40 years Crowcon has been developing and manufacturing high quality products with a reputation for reliability and technical innovation.

Crowcon provide both single gas and multigas monitors for personal monitoring and portable safety applications providing protection against a wide range of industrial gas hazards. Models vary by size and features depending on the number and type of gas sensors used, display and certification, but it is Crowcon's philosophy that each should be properly suited to its task.



Choosing the portable gas detector for your needs

Crowcon Clip and Clip+

Personal maintenance-free single gas monitor

Crowcon Clip and Clip+ are reliable and durable fixed life monitors in a compact and maintenance free solution. Designed to withstand the harshest industrial working conditions. Ideal for contractors and shut downs.

- Ensures worker compliance
- Has H₂S, CO and O₂ options
- Has a 2 year life from activation (Clip+ has 3 year life from activation providing 24 month operation)
- Reduces training time
- Removes the need for service and maintenance
- Adjustable alarm levels
- Real time gas reading or life left indication
- Self test functionality
- C-Test bump test and calibration station
- Event log with IR interface for downloading results
- Programmable unit identification
- On screen and LED bump test due indication



Gasman

Personal single gas monitor

Gasman is a full function IP65 personal single gas monitor which is compact and lightweight yet highly rugged for the toughest of industrial environments. All Gasman units feature the same simple functionality in the same package, no matter which gas. Straight forward, one button operation minimises training while an easy to read display and clear alarms maximise protection.

- Smallest flammable gas personal monitor on the market
- Wide range of toxic gases, oxygen and flammable gas models
- Data logging as standard
- Event logging
- One button for easy use
- Rechargeable
- Rugged



Gas-Pro

Portable 5 gas detector with optional pump

Gas-Pro offers detection of up to 5 gases in a compact, rugged solution capable of withstanding harsh environments and everyday use.

- Up to 5 gases - O₂, CO, H₂S, LEL, CO₂, SO₂, O₃, CL₂, NO and NO₂
- Clear top mount display with dual colour backlight
- Optional internal pump (30m draw)
- Automatic fail safe flow plate recognition
- Specific pre-entry mode
- +ve Safety™ tri-colour status indication
- Unmissable alarm indication; vibrating, audible >95dB at 30cm (>98dB at 30cm in loud mode) and high visibility red/blue LEDs
- Integral anti-shock case with water and dust resistance to IP65 and IP67
- Suitable for use with the new Crowcon portable wall and desk mount bump test solutions



T3

Four gas personal monitor

T3 is the leading top-display multigas monitor on the market. Compact and simple to use, but packed with functionality such as data logging and twin colour alarms, the unit has earned an enviable reputation for robustness in demanding industrial applications. It offers a low cost of ownership with its 3 year O₂ sensor.

- Up to 4 gases - CO, H₂S, LEL, O₂, O₃, SO₂, O₂ and NH₃
- Single button operation for all functions, even with gloved hands
- Water and dust resistant to IP65/67, can be submerged in water
- Rugged impact resistant design provides extra shock and vibration protection
- H₂ CO sensor for steel



Triple Plus+ and Triple Plus+ IR Oxygen, toxic and flammable gas detector

Triple Plus+ has earned the respect of users across the globe for providing rugged, easy to use protection with maximum sensor flexibility. The Triple Plus+ IR adds even more options, using infrared sensors (IR) for the detection and measurement of flammable hydrocarbons and carbon dioxide. IR technology enables use in high flammable gas concentrations that would damage pellistors, and in inert backgrounds such as purge applications.



- Ideal for purging applications
- User and site names logging
- Loud and bright audible and visual alarms
- Internal pump option for remote sampling
- Dual or single range IR sensor in combination

Detective+ and Detective Net Multi-gas area monitor

Detective+ is ideally suited to provide safety perimeter or area monitoring. Able to be quickly and securely linked together, loud and clear alarms can be transmitted between Detective+ units with high integrity, while fixed or folding leg options allow stacking for convenient storage. An internal pump option further extends use to include remote sampling.

- Wide range of gases and sensors, including infrared
- Rugged, easy to set up, convenient to store design
- 104dB audible and multiple LED cluster visual alarms
- Long battery life
- Raised detectors and IP65 specification provide excellent sensor protection
- **Detective+ now has wireless capabilities up to 100m of range**
- Ricochet wireless mesh technology



I-Test Bump test and calibration solution

I-Test offers a full bump and calibration system which is easy to use and records the results of the test. With I-Test Manager you can run reports and look at the data that has been collated through the I-Test system making your site fully compliant. Calibration and bump certificates can be printed easily at a few clicks of a button. Ideal for large fleet users, the I-Test will look after a fleet of hundreds or detectors making your life easier.

- Full bump and calibration station
- Compliance and data management
- Gas cylinder management
- Easy to use and comes with free software
- Entirely self-contained



Checkbox IMH Automatic calibration equipment

Checkbox Instrument Management Hub (IMH) automates the routine testing, calibration and management of Crowcon detectors, facilitating traceability and routine maintenance. It is compatible with all Crowcon portables.

- Up to eight different gas inlets
- Five or ten instrument interfaces
- Data and event file uploading
- Stores and controls configurations
- Networking capability
- Calibration
- Bump test
- Up to Windows 7 32bit



Q-Test Bump test solution

The Q-Test requires no power and is therefore ideally suited to remote users. Crews can now complete their functional check immediately prior to entry ensure they are compliant. The power enabled option allows users to charge Gas-Pro on the move.

- Bump test station
- Easy to use
- Entirely self-contained
- Vehicle or mains charging option
- Optional cylinder holder
- Multiple mounting options



Portables PC and Portables Pro Detector interface software

Portables PC is an easy to use software interface that allows users to access enhanced functionality on Crowcon monitors. Intended for use by supervisors or equivalent, this package enables settings to be customised and logged data to be inspected and stored. Connection method is either direct, via an interface charger.



Single Gas Multi Gas

Crowcon portable gas detectors	Crowcon Clip	Crowcon Clip+	Gasman	T3	Tetra	Gas-Pro	Triple Plus+	Detective+
Oxygen (O ₂)	•	•	•	•	•	•	•	•
Hydrogen sulphide (H ₂ S)	•	•	•	•	•	•	•	•
Carbon monoxide (CO)	•	•	•	•	•	•	•	•
Carbon dioxide IR Cell (CO ₂)			S	S	S	•	•	•
A wide range of hydrocarbons available (CAT LEL)			•	•	•	•	•	•
IR LEL						•	•	•
Dual range (-100% LEL 0-100)							•	•
Ammonia (NH ₃)			•	•	•	•	•	•
Chlorine dioxide (ClO ₂)			•	•	•	•	•	•
Chlorine (Cl ₂)			•	•	•	•	•	•
Sulphur dioxide (SO ₂)			•	•	•	•	•	•
Hydrogen (H ₂)			•	•	•	•	•	•
Nitric oxide (NO)			•	•	•	•	•	•
Phosgene (COCl ₂)			•	•	•	•	•	•
Arsine (AsH ₃)							•	•
Fluorine (F ₂)			•	•	•	•	•	•
Phosphine (PH ₃)			•	•	•	•	•	•
Hydrogen cyanide (HCN)			•	•	•	•	•	•
Hydrogen fluoride (HF)			•	•	•	•	•	•
Ethylene oxide (ETO)			•	•	•	•	•	•
Nitrogen dioxide (NO ₂)			•	•	•	•	•	•
Ozone (O ₃)			•	•	•	•	•	•
VOC gases (PID)						•	•	•
STEL alarms			•	•	•	•	•	•
TWA alarms			•	•	•	•	•	•
Optional internal pumped					•	•	•	•
MED approval			•	•	•	•	•	•
Event logging	•	•	•	•	•	•	•	•
Data logging			•	•	•	•	•	•
Confidence beep			•	•	•	•	•	•
Single button operation			•	•	•	•	•	•
Testing station	•	•		•		•		
Software for data management	•	•	•	•	•	•	•	•
Maintenance free	•	•						
Non Rechargeable	•	•	•	•	•	•	•	•
Rechargeable			•	•	•	•	•	•

s = safe area applications

Crowcon reserves the right to change the design or specification of the product without notice. Check www.crowcon.com for updates.

www.crowcon.com

UK:
Tel: +44 (0) 1235 557700
Fax: +44 (0) 1235 557718
Email: sales@crowcon.com

US:
Tel: +1 859 957 1039
Toll Free: 800 527 6926
Fax: +1 513 957 1044
Email: salesusa@crowcon.us

NL:
Tel: +31 10 421 1232
Fax: +31 10 421 0542
Email: eu@crowcon.com

SG:
Tel: +65 6745 2936
Fax: +65 6745 0467
Email: sales@crowcon.sg

CN:
Tel: +86 (0) 10 6787 0335
Fax: +86 (0) 10 6787 4879
Email: saleschina@crowcon.com

IN:
Tel: +91 22 6708 0400
Fax: +91 22 6708 0405
Email: salesindia@crowcon.com

Crowcon also manufactures a wide range of fixed point gas detection products:



Gasmaster
1-4 channel control system



TXgard - IS+
Toxic gas / oxygen detector with display



Vortex
Multiple detector control system



IRmax
Infrared flammable gas detector



CROWCON
Detecting Gas Saving Lives