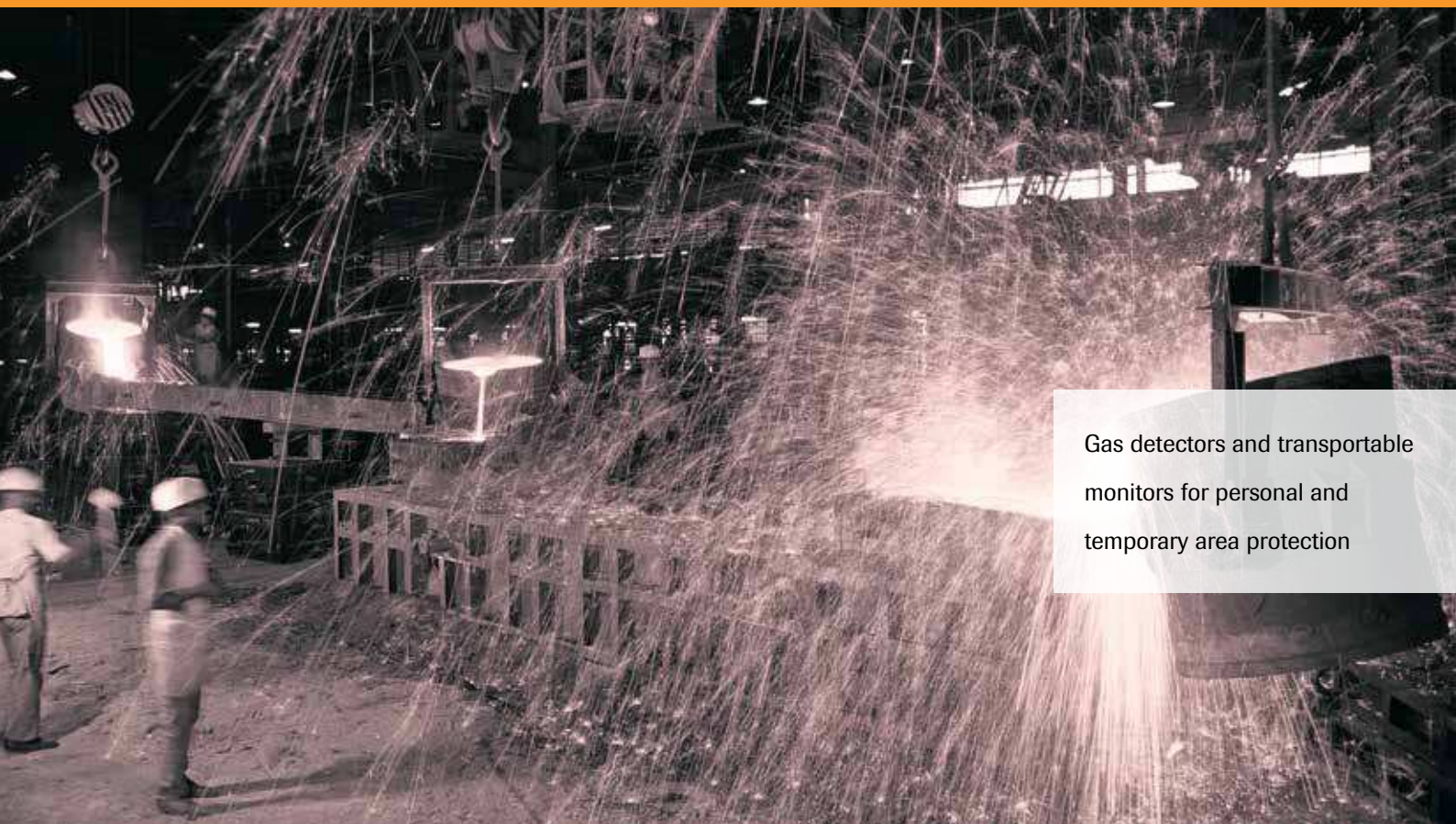THORNE & DERRICK INTERNATIONAL

Thorne & Derrick
+44 (0) 191 490 1547
www.thorneandderrick.com

CROWCON
Detecting Gas Saving Lives

Portables

Portable Gas Detection Equipment

Gas detectors and transportable monitors for personal and temporary area protection

Portables

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 use and portable safety applications, providing protection against a wide range of industrial gas hazards. Models vary in 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
Personal maintenance-free single gas monitor

Crowcon Clip is a reliable and durable fixed life monitor in a compact and maintenance-free solution.
Designed to withstand the harshest industrial working conditions. Ideal for contractors and shutdowns.

- Ensures worker compliance
- H_2S, CO and O_2 options
- 2-year life from activation
- 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 that 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 and Gas-Pro IR
Personal 5 gas detector with optional pump

NEW

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

- **NEW** infrared sensor for detecting flammable gases
- Up to 5 gases - O_2, CO, H_2S, CO_2, SO_2, O_3, CL_2, NO and NO_2, LEL CAT/LEL IR
- 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 (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

I-Test
Bump test and calibration solution

I-Test offers a full bump and calibration system for Gas-Pro that 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 of 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

Gas-Pro PID
Personal 5 gas detector with PID technology

Gas-Pro PID protects against Volatile Organic Compounds (VOC) using the Photo Ionisation Detection (PID) technology. With an optional pump, Gas-Pro PID offers detection of up to 5 gases in a compact and rugged unit capable of withstanding harsh environments and everyday use.

- Easy to use, one button operation
- Ergonomically designed
- PID correction factor
- Water and dust resistant to IP65 and IP66
- Bump and calibration reminders
- +ve Safety™ tri-colour status indication
- Unmissable alarm indication; vibrating, audible >95dB at 30cm (loud mode) and high visibility red/blue LEDs
- Suitable for use with the new Crowcon portable wall and desk mount bump test solutions

T3
Personal four gas 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 O_2 sensor.

- Up to 4 gases - CO, H_2S, LEL, O_2, O_3, SO_2, O_2 and NH_3
- Single button operation for all functions
- Water and dust resistant to IP65 and IP67, can be submerged in water
- Rugged impact resistant design provides extra shock and vibration protection
- H_2 immune CO sensor for steel
- 95dB audible alarm with a vivid red/blue visual
- T3 Gas Tester allows bump testing

Triple Plus+ and Triple Plus+ IR
Personal 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
- Interchangeable sensor modules
- Dual or single range IR sensor in combination
- Unique internal design will resist the harshest treatment

Detective+ and Detective Net
Portable 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 using Detective Net Wireless funtionality. 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

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

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	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 (0-100% LEL/0-100% Vol)						•	•
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 also manufactures a wide range of fixed point gas detection products:

Gasmaster
1-4 channel
control system

XgardIQ
Intelligent gas detector
and transmitter

Vortex
Multiple detector
control system

IRmax
Infrared flammable
gas detector

Crowcon F-Gas Detector
Refrigerant Gas and SF$_6$ Detector

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

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Thorne & Derrick
+44 (0) 191 490 1547
www.thorneandderrick.com

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

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

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