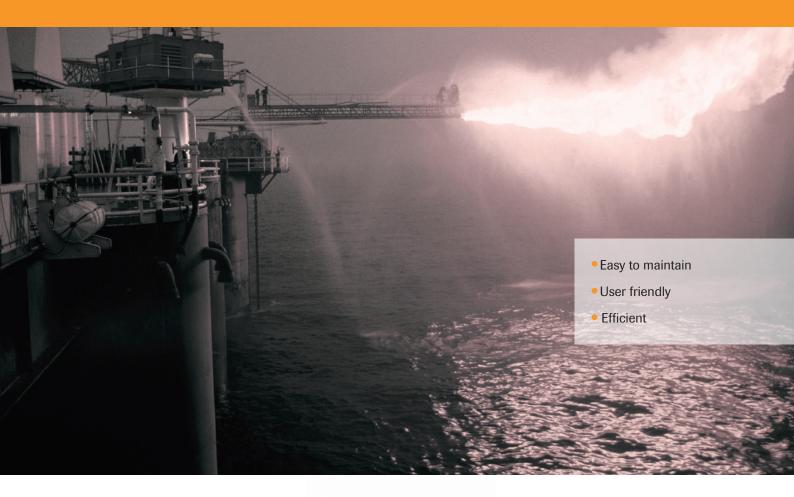




Crowcon Clip

Portable Gas Detection Equipment





Crowcon Clip

Personal Maintenance Free Single Gas Monitor

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 safety and portable monitoring applications providing protection against a wide range of industrial gas hazards.



Choosing the portable gas detector for your needs

The Crowcon Clip is designed for use in hazardous areas and offers reliable and durable fixed life monitoring in a compact, lightweight and maintenance-free package. The Crowcon Clip has a 2-year life and is available for hydrogen sulphide (H_2S) , carbon monoxide (CO) or oxygen (O_2) .

The Crowcon Clip is designed to withstand the harshest industrial working conditions and delivers industry leading alarm time, changeable alarm levels and event logging as well as user-friendly bump test and calibration solutions.



Easy to maintain

Changeable alarm levels	Ensures compliance with changing regulations or company procedure	
C-Test bump test solution with configuration update	Keeps monitors correctly configured without service or technician team	
'Bump test due' indication LED	Alerts the user and team members that the monitor is not compliant	

User friendly

Compact and lightweight	Non-intrusive and comfortable to wear
Single button operation	Delivers simplicity for users
	Reduces training time

Efficient

Wide operating temperature range	Effective in a wide variety of harsh environments	
IP66 and IP67		
Hibernate feature for Clip+	Extends run time and reduces cost of ownership	

C-Test

Bump testing portable monitors is becoming more and more recognised in the market. Ensuring the sensors are responding to a known concentration of gas remains the best way to verify the monitor has not become impeded. C-Test provides bump testing, event management and calibration from a simple to use wall mount station and gives fleet or safety managers the ability to update configurations on large fleets. It also maintains the all important event logs that demonstrate users are working within company requirements.

Gas usage controlled	Lowers the cost of bump testing	
Manages calibration	C-Test runs the calibration and stores records of the event	
Flexible	Can monitor a wide array of test parameters and detector settings, providing excellent traceability	
All data is stored in a USB stick	Simple to transfer the data	
Rechargeable battery or power	Ideal for in-vehicle use	



Crowcon Clip Specification:

Size		85 x 50 x 28mm (3.3 x 2.0 x 1.1ins)	
Weight		76g (2.7oz)	
Temperature	H₂S	-40°C to + 50°C (-40°F to +122°F)	
	CO	-40°C to + 50°C (-40°F to +122°F)	
	O ₂	-35°C to + 50°C (-31°F to +122°F)	
Humidity		5% to 95% non-condensing RH	
Alarms		Top, front and side visual LEDs	
		95 dB audible alert	
		Vibrate	
Event log		Last 25 events	
Ingress Protection		IP66 and IP67	
Tests		Full function self test of activation and every 20hrs: continuous automatic battery integrity tests	
Operational life		2 years>2900 alarm minutes*	
Shelf life		6-month shelf life prior to activation Shown on box label	
Compliance		EMC Directive 2004/108/EC	
Certification		UL-913 & CSA-C22.2 No.157	
		Class 1 Div 1 & 2, Groups A, B, C and D	
		ATEX II 1G Ex ia IIC T4 Ga	
		IECEx Ex ia IIC T4	
Warranty	Clip	2 years from activation*	
Sensor range	H₂S	0-100ppm	
	CO	0-300ppm	
	O ₂	0-30% vol.	
Communication accessory		USB IR link for event download and configuration	

^{*4} alarm minutes per day

Gases and ranges

Ordering options include a range of region specific alarm levels.

Crowcon Clip:

Gas	Part number	Alarm 1	Alarm 2
H ₂ S	CC-H-2	2ppm	5ppm
H ₂ S	CC-H-5	5ppm	10ppm
H ₂ S	CCH-10	10ppm	15ppm
СО	CC-C-25	25ppm	50ppm
СО	CC-C-30	30ppm	100ppm
СО	CC-C-35	35ppm	50ppm
O ₂	CC-O-19	19% vol.	23.5% vol.
02	CC-O-19.5	19.5% vol.	23.5% vol.



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

Email: salesusa@crowcon.us

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

