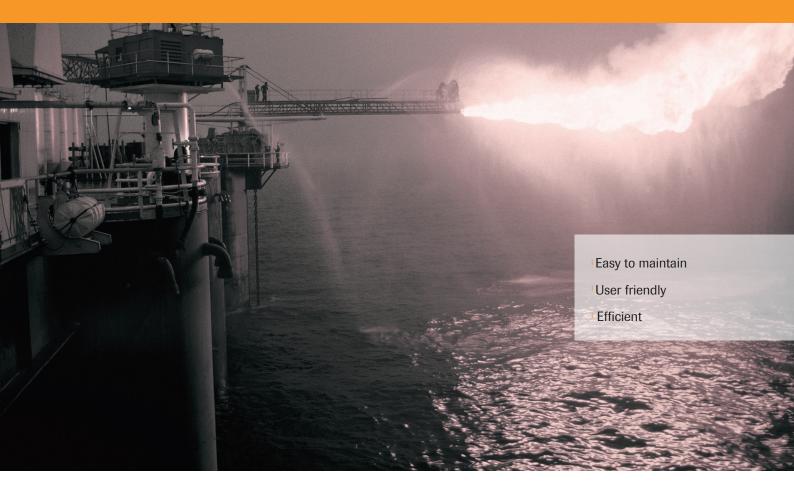


Clip SGD

Portable Gas Detection Equipment





Clip SGD

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

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

Clip SGD 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
Clip SGD docking station	Keeps monitors correctly configured without service or technician team
'Bump test due' indication	Alerts the user and team members that the monitor is not compliant

User friendly

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

Efficient

Wide operating temperature range	
IP66 and IP67	Effective in a wide variety of harsh environments

Accurate

Countdown and real time readings available	0.1 resolution for hydrogen sulphide

Clip SGD docking station

Bump testing portable monitors is becoming more and more prevalent in the market. Ensuring sensors are responding to a known concentration of gas remains the best way to verify the monitor has not become impeded. The Clip SGD docking station provides bump testing, event management and calibration from a simple to use multi-unit 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	Manages 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 or multi-site use
Holds up to 4 Clips at once	Faster testing of larger fleets



Clip SGD Specification:

Size		91 x 54 x 32mm (3.6 x 2.1 x 1.3ins)	
Weight		93g (2.7oz) toxic, 104g (3.7oz) O ₂	
Temperature	H ₂ S	-40°C to + 50°C (-40°F to +122°F)	
	CO	-40°C to + 50°C (-40°F to +122°F)	
	02	-35°C to + 50°C (-31°F to +122°F)	
Humidity		5% to 95% non-condensing RH	
Alarms		Top, front and side visual LEDs	
		90 dB audible alert at 10cm	
		Vibrate	
Event log		Most recent 30 events	
Ingress Protection		IP66 and IP67	
Tests		Self test on 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, FCC and IECES	
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 SGD	2 years from activation*	
Sensor range	H₂S	0-100ppm	
	CO	0-300ppm	
	02	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.

Clip SGD:

Gas	Part number	Alarm 1	Alarm 2
H₂S	CL-H-2	2ppm	5ppm
H₂S	CL-H-5	5ppm	10ppm
H ₂ S	CLH-10	10ppm	15ppm
СО	CL-C-25	25ppm	50ppm
СО	CL-C-30	30ррт	100ppm
СО	CL-C-35	35ррт	50ppm
02	CL-0-19	19% vol.	23.5% vol.
02	CL-0-19.5	19.5% vol.	23.5% vol.

Accessories

Part	Description
CL-Test	Clip SGD docking station
CL-IR-link	Clip SGD IR link

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

www.crowcon.com

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