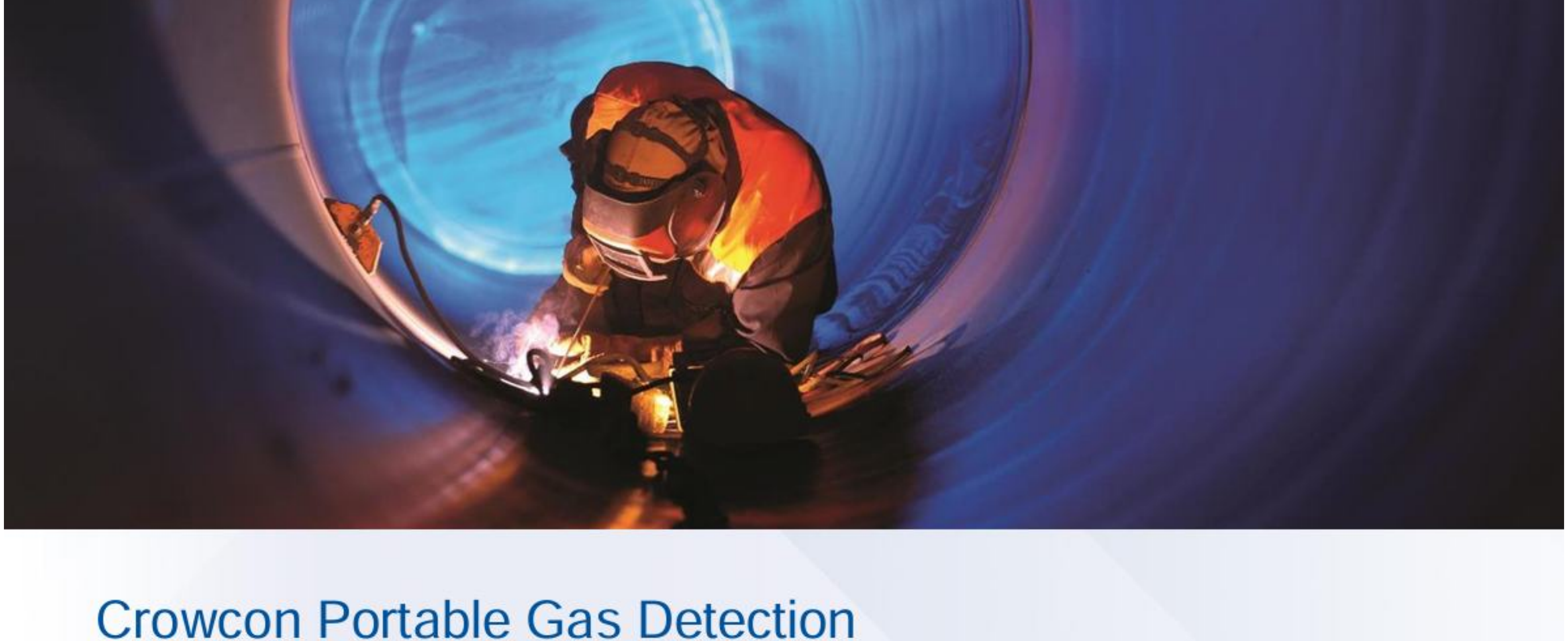


# Introduction to the Crowcon Portables portfolio

Updated: May 2019



## Crowcon Portable Gas Detection

Solutions to protect your workforce from flammable and toxic gasses utilising best in class technologies and decades of specialist experience

## Overview

### Portables range overview



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### Key attributes and decision points

- 1** Maximum number of gases detected  
Maximum number of target gas types the product can detect.
- 118g** Minimum product weight  
This represents the minimum weight of the product. Check the product specifications for variations depending on sensor type and additional built in functionality, such as pumps.
- 24 HR** Standard battery life  
The standard operating life of the unit based on a full charge. If charged for a shorter time period the operating time may be reduced. Check product specifications for further details.
- 1** Single use  
Non rechargeable, maintenance free products with up to 2 years life (dependent on alarm hours). Products may have replaceable batteries and can be re-used. See product specifications for details.
- IP65** Ingress protection level  
The IP rating system provides a means of classifying the degrees of protection from dust and water afforded by electrical equipment and enclosures (BS EN60529).  
**IP65** – Totally protected against dust ingress and low pressure water jets from any direction.  
**IP66** – Totally protected against dust ingress and high pressure water jets from any direction  
**IP67** – Totally protected against dust ingress and short periods of immersion in water.
- ✓** Pre-entry check function  
An automated pre-entry check which guides users through the three specific functions of any pre-entry check (sample, review and purge) for a confined space application.
- ⌚** Optional internal sampling pump  
This product can have an optional electric pump built in for sampling functionality.

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## Single Gas

### Clip SGD Personal Maintenance Free Single Gas Monitor

- 1
- 24 HR
- IP66
- IP67



Clip SGD (Single Gas Detector) is designed for use in hazardous areas and offers reliable and durable fixed life span monitoring in a compact, lightweight and maintenance-free package. Clip SGD has a 2-year life and is available for hydrogen sulphide (H2S), carbon monoxide (CO) or oxygen (O2).

**“Our Clip SGD reduces overheads by removing the need to charge & calibrate”**

<b>Easy to maintain</b>	
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 and requires a bump test
<b>User friendly</b>	
Compact and lightweight	Non-intrusive and comfortable to wear, perfect for any length of shift
Single button operation	Delivers simplicity for users Reduces training time
<b>Efficient</b>	
Wide operating temperature range IP66 and IP67	Effective in a wide variety of harsh environments
<b>Accurate</b>	
Countdown and real time readings available	0.1 resolution for hydrogen sulphide

Available gasses: **O2 CO H2S**

### Clip SGD Application showcase and Ancillaries

**Oil & Gas – Clip H2S**  
Clip SGD is perfect for use where high levels of H2S are present and you have large numbers of workers onsite at once, such as sour oil wells and offshore oil refining

**Maintenance and confined spaces – Clip CO & Clip O2**  
Oxygen depletion or CO leaks can and do occur in boiler rooms, plant rooms and other confined spaces worldwide. Clip is a great solution to protect your staff against these dangers

**Clip SGD Docking Station**  
Clip SGD Docking Station provides bump testing, event management and calibration functions in a convenient portable format which can test up to 4 Clip SGD at once.



Clip SGD Docking Station is compatible with 60L gas cylinders. An internal rechargeable battery ensures Clip SGD Docking Station operates even during a power outage.

**New IR Link**  
For PC communication with Clip SGD.



### Gasman Personal Rechargeable Single Gas Monitor

- 1
- 12 HR
- 118g
- IP65



With impact resistant construction and compliance to IP65, the Gasman is a designed to last. Full data capability allows customers to guarantee compliance and get deep insight into their processes. Gasman gives an unbeatable combination of powerful loud and bright alarms. It's stunningly compact and lightweight design makes it ideal for use in any situation

**“Our Gasman is a full function device in a compact and lightweight package its perfect for customers who need more sensor options and data capability”**

<b>Robust</b>	
Tough polycarbonate housing	Protects you in the harshest environments
Water and dust resistant to IP65	High impact resistance
Full overmoulding	
<b>Effective warning</b>	
2 levels of instantaneous alarm and TWA alarm for toxic versions	Ensures prompt evacuation from hazardous zone
95dB audible alarm	
Vivid twin red/blue visual alarm	If ambient noise is high, Gasman still alerts you by vibrating and with the high impact blue/red LED alarm
Internal vibrating alarm	
<b>Flexible</b>	
Versions available for flammable gas, oxygen and toxic gases	
Rechargeable versions for all gas types	
Non-rechargeable versions for oxygen and toxic gases	Gas detector tailored to your requirements
Real time TWA and peak display options	
Fully interchangeable intelligent sensor modules	
<b>User friendly</b>	
One button operation	Quick and easy to use
Backlit display for gas diagnostics and operating status	Easy to read
Ultra lightweight - just 85g for toxic versions	Comfortable to wear

Available gasses: **Flam O2 CO IR CO2 H2S SO2 COCL2 PH3 O3 NO2 NO HF HCN H2 F2 CL2 NH3**

### Gasman Application showcase and Ancillaries

**Petrochemical**  
The wide range of sensor choice make Gasman the go to point of call for petrochemical facilities where there are many non-standard exotic gas risks

**Brewery & Beverage**  
The IR CO2 sensor version of Gasman is perfect for use in pub cellars and other beverage situations where there is a high risk of CO2 exposure. Its fast and accurate response keeps staff safe at all times



**Gas Test Kit - C01892**  
Allows calibration and gas testing. Includes – Trigger regulator with 1m gas supply tube, flow cap, magnet and 2m gas vent tube



**Single Way Charger - C01941**

Charger cradle. Select power supply option.



**Leather carry case - C01983**

Enables unit to be worn either on a belt or with a shoulder strap.



**Gasman External Filter - C02132**

For use in high dust environments such as steel plants.



**Gasman Interface Kit Including Multi PSU - C01305**

Gasman Interface Kit includes single way charger/interface, USB-RS232 adaptor, PC lead and multi-region PSU (Portables PC software CD [C01832] must be ordered separately)

