

**Ribble Enviro**  
*...everything gas detection*

# Data Sheet

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# CLIP SGD

## Personal Maintenance-Free Single Gas Monitor

With industry-leading alarm time, changeable levels and event logging, Clip SDG ensures reliable performance in tough conditions.



Clip Single Gas Detector (SDG) is an industrial gas detector 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 (H<sub>2</sub>S), carbon monoxide (CO) or oxygen (O<sub>2</sub>).

### FEATURES

#### Easy to Maintain

- Changeable alarm levels ensure compliance with evolving regulations or company procedures
- Clip SGD docking station keeps devices safety compliant and readings accurate without a service or technical team.
- 'Bump test due' indication alerts users and team members when the monitor requires a bump test to stay compliant.

#### User Friendly

- Compact and lightweight design makes it non-intrusive and comfortable to wear, perfect for any length of shift.
- Single button operation delivers simplicity for users and reduces training time.

#### Efficient

- Wide operating temperature range ensures effectiveness in a variety of harsh environments
- Water and dust resistant to IP66 and IP67 standards for enhanced durability.

#### Accurate

- Countdown and real-time readings available with 0.1 resolution for hydrogen sulphide.

### GAS RANGES & ALARMS

GAS	PART NUMBER	ALARM 1	ALARM 2
H <sub>2</sub> S	CP-H2S-2	2 ppm	5 ppm
H <sub>2</sub> S	CP-H2S-5	5 ppm	10 ppm
H <sub>2</sub> S	CP-H2S-10	10 ppm	15 ppm
CO	CP-CO-20	20 ppm	100 ppm
CO	CP-CO-25	25 ppm	50 ppm
CO	CP-CO-30	30 ppm	100 ppm
CO	CP-CO-35	35 ppm	50 ppm
O <sub>2</sub>	CP-O2-19	19%vol.	23.5% vol.
O <sub>2</sub>	CP-O2-19.5	19.5%vol.	23.5% vol.

### ACCESSORIES

PART	DESCRIPTION
CL-Test	Clip SGD / Clip+ docking station
CL-IR-Link	Clip SGD / Clip+ IR link

# SPECIFICATIONS

<b>SIZE</b>		91 x 54 x 32mm (3.6 x 2.1 x 1.3ins)
<b>WEIGHT</b>		93g (2.7oz) toxic, 104g (3.7oz) O <sub>2</sub>
<b>TEMPERATURE</b>	H <sub>2</sub> S	-30oC to + 50oC (-86oF to +122oF)
	CO	-30oC to + 50oC (-86oF to +122oF)
	O <sub>2</sub>	-30oC to + 50oC (-86oF to +122oF)
<b>HUMIDITY</b>		15% to 90% RH
<b>ALARMS</b>		Top, front and side visual LEDs
		90 dB audible alert at 10cm
		Vibrate
<b>EVENT LOG</b>		Most recent 30 events
<b>INGRESS PROTECTION</b>		IP66 and IP67
<b>TESTS</b>		Self test on activation and every 20hrs: continuous automatic battery integrity tests
<b>OPERATIONAL LIFE</b>		2 years > 2900 alarm minutes*
<b>SHELF LIFE</b>		6-month shelf life prior to activation
		Shown on box label
<b>COMPLIANCE</b>		EMC Directive 2014/30, FCC CFR 47 Part 15, IECES-003
<b>CERTIFICATION</b>		UL-913 & CSA-C22.2 No.157
		Class 1 Div 1 & 2, Groups A, B, C and D, T4
		ATEX II 1G Ex ia IIC T4 Ga
		IECEX Ex ia IIC T4 Ga
<b>WARRANTY</b>	Clip SGD	2 years from activation*
<b>SENSOR RANGE</b>	H <sub>2</sub> S	0-100ppm
	CO	0-300ppm
	O <sub>2</sub>	0-30% vol.
<b>COMMUNICATION ACCESSORY</b>		USB IR link for event download and configuration

\* 4 alarm minutes per day

## Disclaimer

Due to ongoing research and product improvement, specifications are subject to change without notice. While every effort has been made to ensure accuracy in this document, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This document is not intended to form the basis of a contract.

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