

# SINGLE GAS CLIP

Zones 0, 1, 2

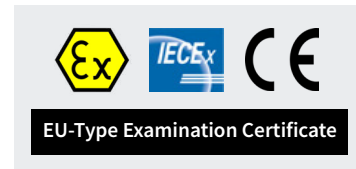
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## MISCELLANEOUS

## ZONES 0, 1, 2 (gas)

ATEX certified portable gas detector that ensures constant protection against toxic gas in the harshest working environments. Whether it's the hottest or the coldest environment, the Single Gas Clip is designed and tested to provide worker safety in the harshest working conditions.

- Unmatched sensor reliability for H<sub>2</sub>S, CO or O<sub>2</sub>
- Adjustable alarm set points
- Real-time gas reading capability
- 0.1 ppm resolution for H<sub>2</sub>S sensor and display
- Two-way IR comms for event downloads, bump tests detector configuration and firmware updates
- Programmable unique 6 digit detector identification
- Simple-to-use one-button operation
- Bump Test notification and confirmation when intervals are set
- Calibration notification and confirmation when intervals are set
- No hidden service charges or maintenance fees
- Lightweight & durable - clamps on tight with alligator clip



### ITEM REFERENCES

Designation:	Description:	Gas:	Temperature:	Item No.:
SGC-H Single Gas Clip H <sub>2</sub> S	Portable gas detector for Hydrogen Sulfide (H <sub>2</sub> S)*	H <sub>2</sub> S   Measuring range: 0-100 ppm Low alarm limit: 10 ppm - High alarm limit: 15 ppm	-40°C to +50°C	14A0101
SGC-C Single Gas Clip CO	Portable gas detector for Carbon Monoxide (CO)*	CO   Measuring range: 0-300 ppm Low alarm limit: 35 ppm - High alarm limit: 200 ppm	-40°C to +50°C	14A0102
SGC-O Single Gas Clip O <sub>2</sub>	Portable gas detector for Oxygen (O <sub>2</sub> )*	O <sub>2</sub>   Measuring range: 0-30% by vol. Low alarm limit: 19.5% - High alarm limit: 23.5%	-35°C to +50°C	14A0103

\*All versions include calibration cap

### TECHNICAL SPECIFICATIONS

Marking:	II 1G Ex ia IIC T4 Ga
Certificate:	EU-Type Examination Certificate
Ambient temperature:	H <sub>2</sub> S: -40°C to +50°C   CO: -40°C to +50°C   O <sub>2</sub> : -35°C to +50°C
Humidity:	5% to 95% RH (non-condensing)
Battery Life:	24 months of operation / 2 minutes of alarm per day
Alarms:	Visual, vibrating & audible (minimum 95 dB). Detector life countdown (EOL), Low, High & Over limit (OL)
LEDs:	4 red alarm bar LEDs
Display:	High viewing angle Alphanumeric Liquid Crystal Display
Logs:	25 Events - newer events replace older events
Tests:	Full function self-test upon activation and every 20 hours. Continuous automatic battery tests
Ingress protection:	IP 67
Weight:	76g
Dimensions:	85 x 50 x 28 mm
Sensor Type:	Single plug-in electrochemical cell
User Options:	User ID, Low Alarm, High Alarm, Calibration Interval, Bump Interval, Self-Test Interval, Calibration Gas, Display sensor/life remaining, Bump Due LED