

# 3-Year 4-Gas Multi Gas Clip Simple Plus

**No Charging Ever & Calibration Not Necessary...**

**This Year**



**Next Year**



**Year After That**



- Operates for 3 years continuously with no charging
- Detects combustible gases (LEL), hydrogen sulfide (H<sub>2</sub>S), carbon monoxide (CO) & oxygen (O<sub>2</sub>)
- Routine calibrations not necessary (saves test gas & downtime)
- Infrared LEL sensor does not require oxygen to detect gas
- Low maintenance cost - infrared LEL sensor is immune to poisons
- Simple-to-use one-button operation & large, easy-to-read screen
- Lightweight & durable - alligator clip clamps on tight

**Bump testing before each day's use is advised.**

\*All detectors are charged and calibrated during manufacturing.



Portable Gas Detectors You Can Count On

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## Multi Gas Clip Simple Plus Version

<b>Multi Gas Clip Simple Plus</b> Part# MGC-S-PLUS	Non-charging infrared three year four gas detector for H <sub>2</sub> S, CO, O <sub>2</sub> & LEL
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Included with detector: calibration cap, calibration certificate & Quick Start Guide

## Multi Gas Clip Simple Plus Accessories



**MGC Simple Clip Dock**  
Part# MGC-S-DOCK\*  
**Hi-Pressure** Part# MGC-S-DOCK-HP



**MGC Simple Clip Dock Wall Mount**  
Part# MGC-S-WMDOCK  
**Hi-Pressure** Part# MGC-S-WMDOCK-HP



**MGC Simple External Dust Filter Cap plus 5 Filters**  
Part# MGC-S-X-FILTER-KIT  
**Replacement Filters (Qty. 10)**  
Part# MGC-S-X-FILTER-10



**GCT IR Link**  
Part# GCT-IR-LINK



**MGC Remote Sampling Probe**  
Part# PROBE-1



**MGC Simple Hand Aspirator Kit**  
Part# MGC-S-HAK



**Quad Gas Cylinders**  
25ppm H<sub>2</sub>S, 100ppm CO, 18% O<sub>2</sub> & 50%LEL  
58L Part# MGC-Q-58  
116L Part# MGC-Q-116



**MGC Simple Confined Space Kit with Gas**  
Part# GCT-CSK-GAS\*  
**Kit Without Gas** Part# GCT-CSK

\*Detector(s) not included

Please contact Gas Clip Technologies for additional spares, accessories and gas.

**Distributed by:**



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## SPECIFICATIONS

<b>Size</b>	4.75" H x 2.75" W x 1.25" D (120.65 x 69.85 x 31.75 mm.)
<b>Weight</b>	7.675 oz. (220.2 g)
<b>Temperature</b>	-4° to +122°F (-20° to +50°C)
<b>Humidity</b>	5% to 95% RH (non-condensing)
<b>Battery Life</b>	1095 Days continuous (based on avg. of 1 minute of alarm/day)
<b>Alarms</b>	Visual, vibrating & audible (minimum 95 dB) Low, High, STEL, TWA & OL (Over Limit)
<b>LEDs</b>	4 Red alarm bar LEDs Yellow back-light (activated on button press) Red back-light (activated on alarm condition) Yellow maintenance notification LED
<b>Display</b>	High viewing angle alphanumeric Liquid Crystal Display (LCD)
<b>Logs</b>	50 Bump tests, 50 events, 50 calibrations Continuous 1 second data logging (typical capacity > 2 months)
<b>Tests</b>	Full function self-test upon activation Sensors, battery and circuitry tests run continuously

**Ingress Protection** IP 68

### Certifications and Approvals



CSA: CSA16.70084100  
Intrinsically Safe/Sécurité Intrinsèque  
Class I, Division 1, Group A, B, C, and D T4  
Ex ia IIC T4 Ga  
Class I, Zone 0, AEx ia IIC T4 Ga  
-20°C ≤ Ta ≤ +50°C  
C22.2 No.152-M1984  
ANSI/ISA 12.13.01-2000



IECEx: IECEx CSA 16.0038  
Ex ia IIC T4 Ga  
-20°C ≤ Ta ≤ +50°C  
IEC 60079-0:2011 Edition: 6.0  
IEC 60079-11:2011 Edition: 6.0



ATEX: SIRA 16ATEX2288  
Ex II 1G  
Ex ia IIC T4 Ga  
EN 60079-0:2012/A11:2013  
EN 60079-11:2012

### Warranty

Full 3 years

### Gases

H <sub>2</sub> S	0 - 100 ppm (0.1 ppm increments)
CO	0 - 500 ppm (1 ppm increments)
Combustible (LEL)	0 - 100% LEL (0.1% increments)
O <sub>2</sub>	0 - 30% vol. (0.1% increments)

### Sensor Type

H <sub>2</sub> S, CO & O <sub>2</sub>	Plug-in electrochemical cell
Combustible (LEL)	Soldered infrared (IR)

### Can Be Calibrated



## USER OPTIONS

Custom user message	TWA method
TWA/STEL intervals	Sensor enable/disable
Languages (6)	SAFE display
Latching alarms	Dock lock
Self-test lock	Calibration gas concentration
Bump test interval	Calibration interval
Low/High alarm	TWA/STEL alarm
Maintenance notification	% LEL or % CH <sub>4</sub> by-vol

Specifications are subject to change without notice due to ongoing product development.  
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