

Multi Gas Clip Infrared

The first portable multi gas detector
with a battery life of months instead of hours



- Operates for 2 months continuously on a single charge
- Detects hazardous levels of combustible gases (LEL), H₂S, CO & O₂
- 1 Year calibration cycle saves test gas & valuable time
- 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

gas clip
technologies

Portable gas detectors you can count on

1.888.610.7664

 www.calcert.com

sales@calcert.com

Multi Gas Clip Versions

Multi Gas Clip Infrared Part# MGC	Infrared four gas detector H ₂ S, CO, O ₂ & LEL
Multi Gas Clip Pellistor Part# MGC-P	Pellistor four gas detector H ₂ S, CO, O ₂ & LEL
Multi Gas Clip 2-Gas Infrared Part# MGC-2	Infrared two gas detector O ₂ & LEL
Multi Gas Clip 2-Gas Pellistor Part# MGC-2-P	Pellistor two gas detector O ₂ & LEL

Included with detector: charger, calibration cap, calibration certification & Quick Start Guide

Multi Gas Clip Accessories



MGC Dock

Part# MGC-DOCK*

High Pressure Part# MGC-DOCK-HP



MGC Wall Mount Dock

Part# MGC-WMDOCK*

High Pressure Part# MGC-WMDOCK-HP



MGC Confined Space Kit

Part# MGC-CSK*



MGC Confined Space Kit w/Gas

Part# MGC-CSK-GAS*



GCT IR Link

Part# GCT-IR-LINK



MGC Vehicle Charger

Part# MGC-V-CHARGER1



MGC Multi Charger

Part# MGC-CHRG-MULTI



MGC Charging Station

Part# MGC-CHRG-STATION*



MGC Hand Aspirator Kit

Part# MGC-HAK



MGC Probe

Part# MGC-PROBE-1

*Detector(s) not included
Please contact Gas Clip Technologies for additional spares, accessories and gas.

Distributed by:

SPECIFICATIONS

Size - Weight	4.7" H x 2.4" W x 1.2" D (118.6 x 61.6 x 31.7 mm.) • 7.7 oz. (240g)
Temperature	-4° to +122°F (-20° to +50°C)
Humidity	5% to 95% RH (non-condensing)
Battery Life	Infrared versions...60 days continuous Pellistor versions...25 hours (typical)
Charge Time	4-6 Hours
Alarms	Visual, vibrating & audible (minimum 95 dB) Low, High, STEL, TWA & OL (Over Limit)
LEDs	4 Red alarm bar LEDs Yellow back-light (activated on button press) Red back-light (activated on alarm condition) Yellow Maintenance Notification LED
Display	High viewing angle alphanumeric Liquid Crystal Display
Logs	25 Bump tests 25 Events 25 Calibrations Continuous 1 second data logging, >2 month typical capacity
Tests	Full function self-test upon activation Sensors, battery and circuitry – continuous
Ratings	EMC Directive 2004/108/EC IP 67
Certifications and Approvals	<p>CSA: C22.2 No.'s 0, 152 and 157 Class I, Division 1, Group A, B, C, and D MGC & MGC-2 - Class I, Zone 0, AEx ia IIC T4 Ga, Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ 50°C) MGC-P & MGC-2-P - Class I, Zone 1, AEx d ia IIC T4 Gb, Ex d ia IIC T4 Gb (-20°C ≤ Ta ≤ 50°C)</p> <p>ATEX: SIRA 13 ATEX 14ATEX2013 MGC & MGC-2 - CE 0518 Ex II 1 G Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ 50°C) MGC-P & MGC-2-P - CE 0518 Ex d ia IIC T4 Gb (-20°C ≤ Ta ≤ 50°C) EN60079-0:2012, 60079-11:2012, 60079-26:2007, EN 50270 ANSI/ISA S12.13.01, UL-913</p> <p>IECEx: IEC 60079-0:2011, 60079-11:2011, 60079-26:2006 MGC & MGC-2 - Ex ia IIC T4 Ga IECEx CSA 13.0014 (-20°C ≤ Ta ≤ 50°C) MGC-P & MGC-2-P - Ex d ia IIC T4 Gb IECEx CSA 13.0014 (-20°C ≤ Ta ≤ 50°C)</p> <p>InMetro: IEx 15.0057 Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ 50°C)</p>
Warranty	Full 2 years
Gases	H ₂ O.....0-100 ppm (0.1 ppm increments) CO.....0-500 ppm (1 ppm increments) Combustible (LEL)...0-100% LEL (0.1% increments) O ₂0-30% vol. (0.1% increments)
Sensor Type	H ₂ S, CO & O ₂Plug-in electrochemical cell Combustible (LEL)...Plug-in infrared (IR) or pellistor
Recommended Calibration Frequency	Infrared...1 year Pellistor...6 months

USER OPTIONS

Custom user message	Maintenance notification
TWA/STEL intervals	TWA method
Languages (6)	Sensor enable/disable
Latching alarms	SAFE display
Self-test lock	Dock lock
Auto-zero on start up	Calibration gas percentage
Bump test interval	Calibration interval
Low/High alarm	TWA/STEL alarm
Off-Lock	% LEL or % by-vol

Specifications are subject to change without notice due to ongoing product development.
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MGC v3.04