

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



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



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)



ATEX: SIRA 13 ATEX 14ATEX2013

MGC & MGC-2 - CE 0518 II 1 G Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ 50°C)

MGC-P & MGC-2-P - CE 0518 II 1 G 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



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)

InMetro: IEx 15.0057 Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ 50°C)

Warranty

Full 2 years

Gases

H₂O.....0-100 ppm (0.1 ppm increments)
CO.....0-500 ppm (1 ppm increments)
Combustible (LEL)...0-100% LEL (0.1% increments)
O₂.....0-30% vol. (0.1% increments)

Sensor Type

H₂S, CO & O₂.....Plug-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
TWA/STEL intervals
Languages (6)
Latching alarms
Self-test lock
Auto-zero on start up
Bump test interval
Low/High alarm
Off-Lock

Maintenance notification
TWA method
Sensor enable/disable
SAFE display
Dock lock
Calibration gas percentage
Calibration interval
TWA/STEL alarm
% LEL or % by-vol

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