

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 combustible gases (LEL), hydrogen sulfide (H₂S), carbon monoxide (CO) & oxygen (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

gasclip
technologies

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 all detectors: charger, calibration cap, calibration certification & Quick Start Guide

Multi Gas Clip Accessories



Multi Gas Clip Dock
Part# MGC-DOCK*

High Pressure Part# MGC-DOCK-HP



Multi Gas Clip Wall Mount Dock
Part# MGC-WMDOCK*

High Pressure Part# MGC-WMDOCK-HP



MGC Confined Space Kit w/Gas
Part# MGC-CSK-GAS*
Kit Without Gas Part# MGC-CSK



Quad Gas Cylinders
25ppm H₂S, 100ppm CO, 18% O₂ & 50% LEL
58L Part# MGC-Q-58 or 116L Part# MGC-Q-116



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 Remote Sampling 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 (LCD)
Logs	25 Bump tests 25 Events 25 Calibrations Continuous 1 second data logging (typical capacity > 2 months)
Tests	Full function self-test upon activation Sensors, battery and circuitry tests run continuously
Ratings	EMC Directive 2004/108/EC IP 67
Certifications and Approvals	<p>CSA: C22.2 No. 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 14ATEX2013 MGC & MGC-2 - CE 0518 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>Segurança IEx: 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)</p>
Warranty	Full 2 years
Gases	H ₂ S.....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 or pellistor
Recommended Calibration Frequency	Infrared versions.....1 year Pellistor versions.....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 % CH ₄ by-vol

Specifications are subject to change without notice due to ongoing product development.
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MGC v3.07