

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

Bump testing before each use is advised.

*All detectors are charged and calibrated during manufacturing.

gasclip
technologies

Portable Gas Detectors You Can Count On

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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

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 Hand Aspirator Kit

Part# MGC-HAK

*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. (240 g)
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 (typically)
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. 152-M1984; CSA13CA0014 ANSI/ISA 12.13.01-2000 Intrinsically Safe/Sécurité Intrinsèque Class I, Division 1, Group A, B, C, and D, T4 MGC: Class I, Zone 0, AEx ia IIC T4 Ga MGC-P (MEMS & KNC): Class I, Zone 1, AEx db ia IIC T4 Gb -20°C ≤ Ta ≤ 50°C; 4.2 Vdc</p> <p>IECEx: IECEx CSA 13.0014 MGC: Ex ia IIC T4 Ga MGC-P (MEMS & KNC): Ex d ia IIC T4 Gb IEC 60079-0:2011 Edition 6.0 IEC 60079-11:2011 Edition 6.0 IEC 60079-1:2014-06 Edition 7.0 (MGC-P only) -20°C ≤ Ta ≤ 50°C</p> <p>ATEX: SIRA 14ATEX2013 MGC: Ex ia IIC T4 Ga MGC-P (MEMS): Ex da ia IIC T4 Ga MGC-P (KNC): EX db ia IIC T4 Gb EN 60079-0:2012/A11, 60079-11:2012, 60079-26:2007, 60079-1:2014 -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



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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