

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 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.**



A John M. Ellsworth Company

John M. Ellsworth Co., Inc.

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Multi Gas Clip Version

Multi Gas Clip Infrared
Part# MGC

Infrared four gas detector
H₂S, CO, O₂ & LEL

Included with detector: 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



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



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



GCT IR Link
Part# GCT-IR-LINK



MGC Vehicle Charger
Part# MGC-CHARGER-V



MGC Multi Charger
Part# MGC-CHARGER-MULTI



Hand Aspirator Kit
Part# GCT-HAK

*Detector(s) not included

Please contact us for additional accessories and spare parts.

Distributed by:



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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	60 days (continuous)
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	CSA: CSA13CA0014 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; 4.2 Vdc ANSI/ISA 12.13.01-2000 C22.2 No 152 - M1984 C22.2 No 60079-0:11 C22.2 No 60079-11:14 IECEx: IECEx CSA 13.0014 Ex ia IIC Ga IEC 60079-1:2014-06 Edition: 7.0 -20°C ≤ Ta ≤ 50°C IEC 60079-0:2017 Edition: 7.0 IEC 60079-11:2011 Edition: 6.0 ATEX: SIRA 14ATEX2013 Ex ia IIC T4 Ga -20°C ≤ Ta ≤ 50°C EN IEC 60079-0:2018 EN 60079-11:2012 UKCA: CSAE 22UKEX1230 EX ia IIC T4 Ga -20°C ≤ Ta ≤ 50°C EN IEC 60079-0:2018 EN 60079-11:2012
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
Recommended Calibration Frequency	1 year



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
TWA method
Sensor enable/disable
Maintenance notification

SAFE display
Dock lock
Calibration gas percentage
Calibration interval
TWA/STEL alarm
% LEL or % CH₄ by-vol

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