

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.



Portable Gas Detectors You Can Count On
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Contact us: <https://www.gascliptech.com/contactus.php>



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:

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

H₂S.....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

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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MGC v3.17