

Multi Gas Clip Pump IR

PUMPED up multi gas detector with internal pump runs 52 hours continuously on a single charge



- Operates with pump on for 52 hours continuously
- Detects combustible gases (LEL), hydrogen sulfide (H₂S), carbon monoxide (CO) & oxygen (O₂)
- Powerful but quiet pump draws from up to 75 feet
- 1-year calibration cycle saves valuable time & test gas
- Detects accurately in oxygen-depleted environments
- 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 day's use is advised.

**All detectors are charged and calibrated during manufacturing.*



Portable Gas Detectors You Can Count On

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Multi Gas Clip Pump Versions

| | |
|--|---|
| Multi Gas Clip Pump Infrared Part# MGC-IR-PUMP | Infrared four gas detector with internal pump for H ₂ S, CO, O ₂ & LEL |
| Multi Gas Clip Pump Pellistor Part# MGC-P-PUMP | Pellistor four gas detector with internal pump for H ₂ S, CO, O ₂ & LEL |

Included with detectors: charger, ten foot sampling hose, stainless steel diffusion stone, ten additional filters (five hydrophobic and five particulate), calibration certificate & Quick Start Guide.

Multi Gas Clip Pump Accessories



MGC Pump Clip Dock*
Part# MGC-DOCK-PUMP
High Pressure
Part# MGC-DOCK-PUMP-HP



MGC Pump Clip Dock Wall Mount*
Part# MGC-WMDOCK-PUMP
High Pressure
Part# MGC-WMDOCK-PUMP-HP



6ft. Telescoping Sampling Probe
Part# MGC-TSPROBE



Neoprene Case for MGC Pump and Telescoping Probe*
Part# MGC-PUMP-TSCASE



MGC Pump Quick Disconnect*
Part# MGC-PUMP-QD



MGC Remote Sampling Probe
Part# MGC-PROBE-1



GCT IR Link
Part# GCT-IR-LINK



MGC Multi Charger
Part# MGC-CHRG-MULTI



MGC Vehicle Charger
Part# MGC-V-CHARGER1

*Detector(s) and/or Telescoping Sampling Probe not included. Please contact Gas Clip Technologies for additional spare parts, accessories & gas.

Distributed by:

SPECIFICATIONS

| | |
|--------------------------|---|
| Size - Weight | 5.7" H x 3.0" W x 1.5" D (147 x 78 x 38.3 mm) • 12.4 oz. (352 g) |
| Temperature | -4° to +122°F (-20° to +50°C) |
| Humidity | 5% to 100% RH (non-condensing) |
| Battery Life | Infrared version.....52 hours (continuous) Pellistor version.....12 hours (continuous) |
| Charge Time | 4 - 6 hours |
| Alarms | Visual, vibrating & audible (minimum 95 dB) Pump, 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 |
| Gas Inlet | 1/8" Stainless steel barbed fitting |
| Pump Draw | Sample from up to 75 ft. (23 m) |
| Sample Delay Time | Less than 1 second per 1 ft. (0.3m) with 1/8 in. ID tubing |

Certifications and Approvals

| | MGC-IR-Pump | MGC-P-Pump |
|--|---|---|
| | CSA: CSA 14.2696027 Class I, Division 1, Groups A, B, C and D, T4 Ex ia IIC T4 Ga Class I, Division 1, Groups A, B, C and D, T4 Class I, Zone 0, AEx ia IIC T4 Ga -20°C ≤ Ta ≤ +50°C 3.8Vdc nominal ANSI/ISA 12.13.01-2000 C22.2 No. 152-M1984 | CSA: CSA 14.2696027 Class I, Division 1, Groups A, B, C and D, T4 Class I, Zone 1, AEx d ia IIC T4 Gb -20°C ≤ Ta ≤ +50°C 3.8Vdc nominal ANSI/ISA 12.13.01-2000 |
| | IECEX: IECEX CSA 14.0029 Ex ia IIC Ga -20°C ≤ Ta ≤ +50°C IEC 60079-0:2011 Edition: 6.0 IEC 60079-11:2011 Edition: 6.0 | IECEX: IECEX CSA 14.0029 Ex d ia IIC T4 Gb -20°C ≤ Ta ≤ +50°C IEC 60079-0:2011 Edition: 6.0 IEC 60079-1:2007-04 Edition: 6.0 IEC 60079-11:2011 Edition: 6.0 |
| | ATEX: Sira 14ATEX2120 Ex II 1 G Ex ia IIC T4 Ga -20°C ≤ Ta ≤ +50°C EN 60079-0:2012/A11 EN 60079-11:2012 EN 60079-26:2007 | ATEX: Sira 14ATEX2120 Ex II 2 G Ex d ia IIC T4 Gb -20°C ≤ Ta ≤ +50°C EN 60079-0:2012/A11 EN 60079-11:2012 EN 60079-26:2007 EN 60079-1:2014 EN 60079-26:2007 |
| | ATEX: Sira 14ATEX2120 Ex II 1 G Ex ia IIC T4 Ga -20°C ≤ Ta ≤ +50°C EN 60079-0:2012/A11 EN 60079-11:2012 EN 60079-26:2007 | ATEX: Sira 14ATEX2120 Ex II 2 G Ex d ia IIC T4 Gb -20°C ≤ Ta ≤ +50°C EN 60079-0:2012/A11 EN 60079-11:2012 EN 60079-26:2007 EN 60079-1:2014 EN 60079-26:2007 |

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| 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 (IR) or pellistor |
| Recommended Calibration Frequency | Infrared version.....1 year Pellistor version.....6 months |

USER OPTIONS

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|-----------------------|----------------------------|
| 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 |
| Pump test | % LEL or % by-vol |

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

