



Advanced Test Equipment Corp.  
www.atecorp.com 800-404-ATEC (2832)

# 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 (H<sub>2</sub>S), carbon monoxide (CO) & oxygen (O<sub>2</sub>)
- 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

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

<b>Size - Weight</b>	5.7" H x 3.0" W x 1.5" D (147 x 78 x 38.3 mm) • 12.4 oz. (352 g)
<b>Temperature</b>	-4° to +122°F (-20° to +50°C)
<b>Humidity</b>	5% to 100% RH (non-condensing)
<b>Battery Life</b>	Infrared version.....52 hours (continuous) Pellistor version.....12 hours (continuous)
<b>Charge Time</b>	4 - 6 hours
<b>Alarms</b>	Visual, vibrating & audible (minimum 95 dB) Pump, Low, High, STEL, TWA & OL (Over Limit)
<b>LEDs</b>	4 Red alarm bar LEDs Yellow back-light (activated on button press) Red back-light (activated on alarm condition) Yellow maintenance notification LED
<b>Display</b>	High viewing angle alphanumeric Liquid Crystal Display (LCD)
<b>Logs</b>	25 Bump tests, 25 events & 25 calibrations Continuous 1-second data logging (typical capacity > 2 months)
<b>Tests</b>	Full-function self-test upon activation Sensors, battery and circuitry tests run continuously
<b>Ratings</b>	EMC Directive 2004/108/EC      IP 67
<b>Gas Inlet</b>	1/8" Stainless steel barbed fitting
<b>Pump Draw</b>	Sample from up to 75 ft. (23 m)
<b>Sample Delay Time</b>	Less than 1 second per 1 ft. (0.3m) with 1/8 in. ID tubing

### Certifications and Approvals

	<b>MGC-IR-Pump</b>		<b>MGC-P-Pump</b>
	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

<b>Warranty</b>	Full 2 years
<b>Gases</b>	H <sub>2</sub> S.....0 - 100 PPM (0.1 PPM increments) CO.....0 - 500 PPM (1 PPM increments) Combustible (LEL).....0 - 100% LEL (0.1% increments) O <sub>2</sub> .....0 - 30% vol. (0.1% increments)
<b>Sensor Type</b>	H <sub>2</sub> S, CO & O <sub>2</sub> .....Plug-in electrochemical cell Combustible (LEL).....Plug-in infrared (IR) or pellistor
<b>Recommended Calibration Frequency</b>	Infrared version.....1 year Pellistor version.....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
Pump test	% LEL or % by-vol

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

