

# Here's something to get **PUMPED** up about in portable gas detection.

## Introducing the **MGC Pump** with a 5 day continuous run on a single charge.



- ◆ **6 month calibration cycle**
- ◆ **Draw from up to 75 feet**
- ◆ **Low maintenance**
- ◆ **Stainless steel inlet**

### **A New Option in Portable Gas Detection**

Twice a day, every day... that's how often you have to charge most portable gas detectors, until now. Introducing the Multi Gas Clip Pump (MGC Pump) from Gas Clip Technologies, the only portable multi gas detector with an internal sampling pump that can go an entire work week without a charge.

### **A Long-Lasting Family Tradition**

The MGC Pump follows in the long line of portable gas detectors by Gas Clip Technologies that last and last and last. Being able to go a long time between charges is a family tradition.

### **The Secret to a Long Life**

Like our MGC, the MGC Pump uses low-power photometric technology to detect combustible gases (LEL) rather than age-old pellistor technology. The MGC Pump uses an IR source which conserves power and helps the battery last and last.

### **Ergonomic Design Makes for a Good Fit**

The MGC Pump is also designed for comfort. The reduced, sloping shape of the holding area at the bottom of the instrument makes the MGC Pump a comfortable fit in the hands of your workers. It is fully submersible and simple to operate. The MGC Pump offers a one button design and the largest LCD screen in the industry so it's easy to read.

### **Calibrate the MGC Pump Once Every 6 Months**

Other multi gas detectors require calibration anywhere from 1 to 3 months. The MGC Pump can go 6 months without being calibrated. This is an added benefit of IR sensing technology because IR is immune to pellistor sensor poisons such as silicone or H<sub>2</sub>S.

### **Call Today or Visit [GasClipTech.com](http://GasClipTech.com)**

Get pumped up today and call Gas Clip Technologies at **1.877.525.0808** or visit [gascliptech.com](http://gascliptech.com) to learn more about the MGC Pump. After all, time is money.



**Portable gas detectors you can count on.**

[www.gascliptech.com](http://www.gascliptech.com) ◆ Toll-free: 877.525.0808

# Specifications

## Included with the MGC Pump:

10' Sampling Hose  
10 Additional Filters; 5 Hydrophobic and 5 Particulate  
Stainless Steel Diffusion Stone



GCT IR Link



MGC Pump Dock

**Size** 5.7 x 3.0 x 1.5 in. (147 x 78 x 38.3 mm.)  
**Weight** 12.4 oz. (352g)  
**Temperature** -4° to +122°F (-20° to +50°C)  
**Humidity** 5% to 100% RH (non-condensing)  
**Battery Life** 5 days continuous  
 Pellistor: 30 hours continuous  
**Charge Time** 4 - 6 hours  
**Alarms** Visual, Vibrating, Audible (minimum 95 dB) Low, High, STEL, TWA and OL (Over Limit), Pump  
**LEDs** 4 red alarm bar LEDs  
 Yellow backlight (activated on button press)  
 Red backlight (activated on alarm condition)  
 Yellow Maintenance Notification LED  
**Display** Alphanumeric Liquid Crystal Display (LCD)  
**Logs** 25 Bump tests  
 25 Events  
 25 Calibrations  
 Continuous 1 second data logging (> 2 month typical capacity)  
**Tests** Full function self-test upon activation  
 Sensors, battery and circuitry conditions

**Ingress Protection** IP 67

**Gas Inlet** 1/8" barbed fitting

### Certifications and Approvals

**CSA:** Class1, Division 1, Group A, B, C and D  
 Class 1, Zone 0, AEx ia IIC T4 Ga  
 C22.2 No.'s 0, 152, 157  
**IECEX:** Ex ia IIC T4 Ga  
 IECEx CSA 14.0029  
 IEC 60079-0:2011, 60079-11:2011, 60079-26:2006  
**ATEX:** SIRA 14ATEX2120  
 CE II 1 G Ex ia IIC T4 Ga  
 EN 60079-0:2012, 60079-11:2012, 60079-26:2007  
 EN50270  
 ANSI/ISA S12.13.01  
**InMetro:** (pending)  
 UL-913  
 NCC xx-xxxxx Ex ia IIC T4 Ga (-20°C ≤ Ta ≤ 50°C)

**Pump Draw** Sample from up to 75 ft (23 m)

**Warranty** Full 2 years

**Gases**  
 H<sub>2</sub>S 0 - 100 PPM (0.1 PPM increments)  
 CO 0 - 500 PPM (1 PPM increments)  
 Combustible gas 0 - 100% LEL (0.1% LEL increments)  
 O<sub>2</sub> 0 - 30% vol. (0.1% vol. increments)

**Sensor Type** H<sub>2</sub>S, CO, O<sub>2</sub>: Single plug-in electrochemical cell  
 Combustible: Plug-in infrared (IR) or pellistor

**User Options**

User message	Maintenance notification
TWA/STEL intervals	TWA method
Languages (6)	Sensor enable/disable
Pump test	SAFE display
Self-Test lock	Dock lock
Auto-zero on start up	Calibration gas
Bump test interval	Calibration interval
Low/High alarm	TWA/STEL alarm

Part #	Description
MGC-IR-PUMP	4 Gas Monitor containing IR sensor and internal pump
MGC-P-PUMP	4 Gas Monitor containing Pellistor sensor and internal pump
MGC-DOCK-PUMP	4 bay calibration and bump test station
MGC-WMDOCK-PUMP	4 bay wall mounted calibration and bump test station
MGC-DOCK-HP-PUMP	MGC PUMP 4 Bay Hi-Pressure Dock Station
MGC-WMDOCK-HP-PUMP	MGC Pump 4 Bay Hi-Pressure Wall Mount Dock
GCT-IR-LINK	GCT IR communication module w/USB cable
Please contact Gas Clip Technologies for additional spares, accessories and gas.	

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