

# MGC Pump

5-day continuous run portable gas detection.

## Introduction

United Safety utilizes Gas Clip Technologies latest product in their portable gas detection line. The Multi Gas Clip (MGC) Pump is a hard working, hand held portable gas detection meter. The MGC is the only portable multi gas detector with an internal sampling pump that can go an entire week without a charge.

## Key Features

- The MGC Pump uses an IR source which conserves power and helps the battery last.
- The IR sensing technology is immune to pellistor sensor poisons such as silicone or H<sub>2</sub>S, resulting in a longer calibration cycle.
- Draw from up to 75 feet.
- Low maintenance.
- Rugged design.

## Key Benefits

- 5-day continuous run. The internal sampling pump can go an entire week without a charge.
- The MGC IR detector can go 2 months without a charge - without ever being turned off.
- Ergonomic and easy to use.
- One button design and the largest LCD screen in the industry, making it user-friendly and easy to read.
- Can perform reliably for 6 months without being calibrated.



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Technical Specifications																	
Size	5.7" x 3.0" x 1.5" (147 x 78 x 38.3 mm)																
Weight	12.4 oz (352 g)																
Temperature	-4° to +122°F (-20° to +50°C)																
Humidity	5% to 100% RH (non-condensing)																
Battery Life	5 continuous days																
Charge Time	4 - 6 hours																
Alarms	Visual, Vibrating, Audible (min 95 dB) Low, High, STEL, TWA and OL (over limit), Pump																
Display	Alphanumeric Liquid Crystal Display (LCD)																
Tests	Full function self-test upon activation Sensors, battery and circuitry conditions																
LEDs	4 red alarm bar LEDs Yellow backlight (activated on button press) Red backlight (activated on alarm condition) Yellow Maintenance Notification LED																
Ingress Protection	IP 66/67																
Gas Inlet	1/8 <sup>th</sup> " nipple connector																
Pump Draw	Sample from up to 75 ft (23 m)																
Certifications	CSA: CID1, Groups A, B, C, D Class 1, Zone 0, AEx ia IICT4 Ga C22.2 No's 0, 152, 157 IECEX: Ex ia IIC T4 Ga IECEX Ex CSA xx.xxxxx IEC 60079-0:2011, 60079-11:2011, 60079-26:2006																
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																
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