G400 MP-2

Smart pump for the G450/G460

- Optimized alarm system:
  - Visual alarm via the G450/G460 display and alarm LEDs
  - Audible alarm via the G450/G460
  - Vibration alarm via the G450/G460
- Allows monitor to be used in either pump or diffusion mode
- Independent power supply (does not reduce instrument battery capacity)
- 300 feet (100 meter) remote sampling capability

G400 Smart Pump

GfG Instrumentation
1194 Oak Valley Dr, Ste 20, Ann Arbor MI 48108 USA
(800) 959-0329 • (734) 769-0573 • www.goodforgas.com
G400 MP-2

Optimized Alarm System

The new G400 MP-2 pump continuously communicates with the G450/G460 gas detector. This interaction allows fault indication via the detector display. Alarms such as low battery, blocked sampling line or interrupted power fault are shown on the display and activate a visual and audible alarm on the monitor.

Various Applications

Gas samples can be taken from a distance of up 100 meters (over 300 feet) at a typical draw rate of 0.5 liters per minute.

Superior Flexibility

The G400 MP-2 is the only detachable pump on the market today which will allow for operation in both diffusion mode and remote sample-draw mode. Simply slide the shutter to turn the pump on or off. When the pump is on, the shutter covers the diffusion inlets and exposes them when the pump is switched off.

The G400 MP-2 features a high efficiency redundant filter system in addition to a standard external probe with dust and hydrophobic filters.

Independent Power Supply

The G400 MP-2 is operated by its own power supply, independent of the gas detector. The power supply of the pump allows for up to 10 hours of continuous operation.

Specifications

<table>
<thead>
<tr>
<th>Pump Performance</th>
<th>Low Flow Alarm</th>
<th>Intrinsic Safety</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.50 l/min at 0 mm water column</td>
<td>Flow &lt;0.25 l/min</td>
<td>cCSAus</td>
</tr>
<tr>
<td>0.25 l/min at 400 mm water column</td>
<td>Operational Temperature/Humidity</td>
<td>Class 1, Div 1, Groups A, B, C and D</td>
</tr>
<tr>
<td>Up to 100 m (300 feet) sampling distance</td>
<td>-4 to 131°F (-20 to +55°C) / 5 to 95% r. h.</td>
<td>Hazardous locations Temp code T3</td>
</tr>
<tr>
<td>1 foot/second (1 m/3 seconds) typical sample time</td>
<td>Storage Temperature/Humidity</td>
<td>MSHA Approved version available</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>-13 to 131°F (-25 to +55°C) / 5 to 95% r. h.</td>
<td>Weight</td>
</tr>
<tr>
<td>4.3 x 2.7 x 0.8 in (H x W x D)</td>
<td>Power Supply Options</td>
<td>6.5 Oz (180 g) (alkaline) / 6.8 Oz (195 g) (rechargeable)</td>
</tr>
<tr>
<td>109 x 68 x 21 mm (H x W x D)</td>
<td>Alkaline batteries or rechargeable NiMH battery pack Note: For rechargeable pump option, please specify a double charger when ordering the instrument for simultaneous charging.</td>
<td>Operational Time</td>
</tr>
<tr>
<td>Electromagnetic Compatibility</td>
<td>Display and Alarm</td>
<td></td>
</tr>
<tr>
<td>DIN EN 50270</td>
<td>Audible, visual and vibration alarms communicated via G450/G460</td>
<td></td>
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</table>

Distributed by:

GfG Instrumentation
Tel: (800) 959-0329 or (734) 769-0573
Fax: (734) 769-1888
E-mail: info@gfg-inc.com
Website: www.goodforgas.com
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