The World’s Most Advanced Confined Space Gas Detector

G450 Multi-gas Detector

- Compact and robust 1-to-4 sensor design
- Full 3-year warranty on all sensors
- Interchangeable battery packs for up to 25 hours continuous operation
- Motorized pump operable in diffusion or sample-draw mode
- Highly water resistant (IP 67)
- Affordable price!

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GfG Instrumentation
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**G450 Series**

**Continuously measures up to four gas hazards**

The G450 Confined Space Gas Detector continuously measures up to four hazards (CO, H₂S, O₂, and percent LEL combustible gas) in air.

**Water resistant design**

The G450 is compact, robust and very easy-to-use. The dust proof and highly water resistant (IP-67) housing is designed to survive the toughest environmental conditions. The housing even includes a built-in rubberized boot to withstand the hard knocks of confined space entry.

**Three year warranty on all sensors**

Dependable and accurate G450 sensors keep the cost-of-ownership down. All sensors – including O₂, LEL combustible, CO and H₂S sensors – carry a full three year warranty from the date of purchase.

**Easy operation**

The G450 keeps gas detection simple. Most day-to-day functions are controlled with a single button, and calibration is fully automatic. Simply attach the adapter and flow gas to the sensors. GfG AutoCal® programming automatically makes the adjustments, and updates the information in the instrument’s on-board memory.

**Datalogging Standard**

All G450 instruments are equipped with datalogging. The datalogger records gas concentrations and alarms on a moment-to-moment basis. Monitoring results can be downloaded to a PC for viewing, storage and evaluation.

**Up to 25 hours continuous operation**

G450 battery packs deliver up to 25 hours of continuous operation. Alkaline packs are powered by two “AA” batteries. Rechargeable battery packs can even be equipped with optional “flash light” LEDs.

**Loud audible and bright visual alarms warn users of dangerous conditions**

The G450 includes an extremely loud audible alarm (103 dB at 12 inches), built-in vibrator and bright wrap-around LED alarm lights visible from every direction. The top-mounted display changes color from green, to orange to red just like a traffic signal to help communicate the severity of the hazardous condition.

**Top-mounted display easy to read even in the dark**

Whether it’s worn on your belt or held by hand, the G450 is easy to read. The top-mounted, full graphics LCD includes a built-in backlight for use in the dark. Readings can be “zoomed” or “flipped” at the push of a button to make it even easier to see your monitoring results.

**Specifications**

<table>
<thead>
<tr>
<th>Ranges &amp; resolution for sensors</th>
<th>Other Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon monoxide (CO) 0 - 500 ppm 1 ppm</td>
<td>Dimensions: 2.95x4.33x2.17 in (75x110x55 mm)</td>
</tr>
<tr>
<td>Hydrogen sulfide (H₂S) 0 - 100 ppm 0.2 ppm</td>
<td>Weight: 10 oz (280 g)</td>
</tr>
<tr>
<td>Oxygen (O₂) 0 - 25 % vol 0.1 %vol</td>
<td>Power: 2 “AA” batteries or rechargeable NiMH battery pack</td>
</tr>
<tr>
<td>LEL 0 - 100 % LEL 0.5 % LEL</td>
<td>Operation time: Up to 25 hours</td>
</tr>
<tr>
<td>CH₄ 0 - 5 % vol 0.02 %vol</td>
<td>Charge Time: 8 hours</td>
</tr>
</tbody>
</table>

**Datatalogging: included**

1,890 intervals (55 hours at 2 minutes). Also stores events, calibration history and other information.

**Specifications subject to change without notification**

**Motorized sampling pump**

The field attachable motorized pump is powered by its own alkaline or rechargeable battery pack. The powerful diaphragm pump is equipped with an on / off shutter that allows the instrument to be used in diffusion mode even while the pump is attached.

**Accessories**

Each G450 comes complete with sensors and battery pack (as specified), calibration adapter, manual and training DVD. Rechargeable instruments additionally include a drop-in cradle charger and wall power adapter. The DS400 Docking Station offers completely automatic functional testing, calibration, instrument charging and record keeping.

**Standard Accessories**

Charger (if specified)
Calibration Adapter
Manual
Training DVD

**Optional Accessories**

Pump, 10 feet of tubing and probe
Datalogging kit
Docking Station
Calibration gas, kits and regulators

**Warranty**

Limited lifetime on instrument and electronics. Three years on all sensors including LEL, O₂, CO and H₂S.

Refer to GfG complete warranty for details

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