GT 40™ SERIES

The GT 40 series offers technicians and workers a single instrument for use throughout gas distribution and transmission pipelines for leak testing and confined space entry measurements. The bright LED alarm lights illuminate as gas levels increase and audible alarms are activated at programmed preset levels. Completely programmable, the GT allows companies to utilize one instrument for all their monitoring needs. The GT series is available with an optional docking station for full calibration and testing capabilities and printed calibration certificates.

Seven measurement modes:

1. **Leak Test Mode** measures methane in three different distinct ranges (ppm/LEL/%Volume). Autoranging between all three ranges, audible, visual, and geiger alarms, and an ergonomic design allows for easy one handed operation. Also ideal for carbon monoxide investigations.

2. **Confined Space Mode** measures up to 4 gases (O₂, LEL, CO, H₂S) simultaneously with audible visual alarms, data logging, and min/max values.

3. **Barhole Mode** for testing underground gas leaks. In this mode the GT measures gas beginning in the LEL range and autoranges to % Volume. Barhole probe included with instrument.

4. **Carbon Monoxide Mode** measures CO directly in ppm. Menu items for air free CO (O₂ correction) when fitted with an O₂ sensor and differential CO.

5. **Purge Mode** for measuring methane from 0-100% Volume in inert atmospheres.

6. **Sniffer Mode** enables rapid leak detection by measuring methane from 0-10,000ppm with the semi-conductor fitted at the end of the flexi probe. Audible/visual geiger allows for easy pinpointing of leaking pipes.

7. **Pressure Mode** measures from 0-60” of water column via a pressure sensor on the back of the instrument. Ideal for tightness tests on gas systems up to 2 PSI.
GT 40 SPECIFICATIONS

Size: 11.4 x 3.7 x 1.7 in / 290mm x 95mm x 43mm
Weight: 1.7 lbs / .78 kg with probe and batteries
Temp: -4ºF to 122ºF (-20ºC to 50ºC)
Humidity: 0-98% non condensing
Alarms: High visibility LEDs on both sides of instrument, 85 db audible alarm
All alarms user programmable via password protected menu
Battery: 3 C batteries – LR14 alkaline or rechargeable
Battery Life: Minimum 8 hours continuous alkaline or rechargeable
Enclosure: High impact polycarbonate ABS blend
Rating: IP 54
Approvals: UL 913 Class I, Div 1, Groups C, D
IECEX: Ex ia IIB T3
Warranty: 2 years

MEASURING RANGES

- 0 to 10,000 ppm Flammable (Semiconductor Sensor)
- 0 to 100% LEL Flammable
- 0 to 100% Volume Gas Flammable
- 0 to 25% Oxygen (O2)
- 0 to 2000 ppm Carbon Monoxide (CO)
- 0 to 100 ppm Hydrogen Sulphide (H2S)
- 0 to 60 in. (0 to 150 mBar) Water Gauge

SENSOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>GAS</th>
<th>RANGE</th>
<th>INCREMENTS</th>
<th>SENSOR TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>O2</td>
<td>0-25%</td>
<td>0.1%</td>
<td>Electrochemical</td>
</tr>
<tr>
<td>CO</td>
<td>0-2000 ppm</td>
<td>1 ppm</td>
<td>Electrochemical</td>
</tr>
<tr>
<td>H2S</td>
<td>0-100 ppm</td>
<td>1 ppm</td>
<td>Electrochemical</td>
</tr>
<tr>
<td>CO &amp; H2S</td>
<td>0-100 ppm</td>
<td>1 ppm</td>
<td>Electrochemical</td>
</tr>
<tr>
<td>CH4</td>
<td>0-10,000 ppm</td>
<td>1 ppm</td>
<td>MOS</td>
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<tr>
<td>CH4</td>
<td>0-100% LEL</td>
<td>1%</td>
<td>PELLISTOR</td>
</tr>
<tr>
<td>CH4</td>
<td>0-100% Vol.</td>
<td>1%</td>
<td>PELLISTOR</td>
</tr>
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</table>

ORDERING DETAILS AND ACCESSORIES

22067401  GT40 PPM/%LEL/%V GAS/CO
22067411  GT 41 PPM/%LEL/%V GAS/O2
22067421  GT 42 PPM/%LEL/%V GAS/CO/O2
22067431  GT 43 PPM/%LEL/%V GAS/CO/H2S/O2
22067441  GT 44 PPM/%LEL/%V GAS ONLY

22167102  Docking station for use with mixed blend gases
22167109  Docking station for use with single blend gases
22067160  Configuration and field calibration manual (CD rom)
66206----  12V/24V vehicle charger
22167101  Charging station (including power supply)
22167259  Box of 4 hydrophobic probe filters
22167185  SS probe for flue testing 24"

Each supplied with carry case, bar hole probe, probe filter, wrist strap, 2 ft tygon sample line, detailed user manual and calibration certificate.

Additional accessories and instrument options available.