Find gas leaks, purge lines and more with SENSIT GOLD 100
SENSIT® GOLD 100 is a portable leak detector and multi-gas confined space monitor with expanded in-field capabilities.

SENSIT® GOLD 100 pinpoints natural gas or propane gas leaks and is designed to provide personal protection from potentially hazardous conditions.

SENSIT® GOLD 100 meets NFPA 54 National Fuel Code for Gas Pipe Purging.

This instrument can also be configured for inert gas and oxygen-free applications.

SENSIT® GOLD 100 is
• Accurate
• Durable
• Easy to Use
• Easy to Maintain
• Made in USA

Find Gas Leaks Fast!

Displays Up To
4 Gases Simultaneously
• LEL and %Volume (PPM Optional)
• Oxygen
• Carbon Monoxide
• Hydrogen Sulfide
• Hydrogen Cyanide (Optional)

Selectable Gas Type
• Methane (Natural Gas)
• Propane

Standard Features
• Intrinsically Safe Design (Certified)
• Lowest Cost, Long Life Sensors
• Internal Pump
• Water/Dust Filter
• Push Button Operation
• Field Calibration
• Date/Time Display
• Calibration Alert
• Operation Memory
• Calibration Memory
• Infrared Download
• Audible/Visual Alarms
• Bright Graphic Display
• Programmable Auto Shut Off

Applications
• Combustible Gas Leak Detection
• Gas Leak Survey
• Underground Leak Pinpointing
• Carbon Monoxide Investigations
• Confined Space Monitoring
• Combustible Gas Measurements
• Pipeline Purging (NFPA 54 Compliant)
• Method 21 Emissions Testing
• Inert Gas Operations

Partial List of Gases Sensed
• Butane
• Gasoline
• Methane
• Oxygen
• Carbon Monoxide
• Hydrogen Sulfide
• Natural Gas
• Propane
PRODUCT SPECIFICATIONS

Size: 11.5” x 3” x 2.32” (29.2 x 7.6 x 6.9 cm)
Weight: 1.2 lb. (0.5 kg)
Operational Temp: 0 to 120 F (-17.78 to 48.9° C)
Battery Life: Alkaline: Approximately 12 hrs. Continuous

SENSOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>RESOLUTION</th>
<th>RANGE</th>
<th>ACCURACY</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEAK</td>
<td>N/A</td>
<td>10-50,000 ppm</td>
<td>N/A</td>
</tr>
<tr>
<td>PPM*</td>
<td>1 or 10ppm</td>
<td>0-2,000 ppm</td>
<td>N/A</td>
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<tr>
<td>LEL</td>
<td>0.1%</td>
<td>0-100% LEL</td>
<td>±10%</td>
</tr>
<tr>
<td>% NAT GAS</td>
<td>0.1%</td>
<td>5-100% GAS</td>
<td>±5%</td>
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<tr>
<td>O2</td>
<td>0.1%</td>
<td>0-25%</td>
<td>±0.2% or 10%**</td>
</tr>
<tr>
<td>CO</td>
<td>1ppm</td>
<td>0-2000ppm</td>
<td>±5ppm or 5%**</td>
</tr>
<tr>
<td>H2S</td>
<td>1ppm</td>
<td>0-100ppm</td>
<td>±2ppm or 5%**</td>
</tr>
<tr>
<td>HCN</td>
<td>1ppm</td>
<td>0-30ppm</td>
<td>±1ppm or 2.5%**</td>
</tr>
</tbody>
</table>

*PPM Optional

**Whichever is greater

STANDARD KIT

- Hard Carrying Case
- 3 “C” Batteries
- Extra Sensor Cap
- Wrist Strap
- Instruction Manual

KIT OPTIONS

- Recharger Kit
- Printer
- PC Interface
- Hot Air Probe
- Confined Space Probe
- Calibration Kit

SENSIT GOLD 100 PURGE KIT

EX (LEL, %Vol)
Part #: 910-00100-APP

TO OPERATE:
1. Press Power
2. Wait 45 Seconds for Automatic Zeroing
3. Begin to Use

SENSIT® GOLD instruments are approved UL913, For Class 1, Division 1, Groups C and D hazardous locations when used with Duracell MN1400BK batteries or equivalent alkaline batteries.
**SENSIT® GOLD 100 Instruments**

- **A-Model**
  - EX/TC (LEL/%Vol)
  - Part # 910-00100-A
- **B-Model**
  - EX/TC/CO (LEL/%Vol/CO)
  - Part # 910-00100-B
- **C-Model**
  - EX/TCplus (LEL/%Vol/O2)
  - Part # 910-00100-C
- **D-Model**
  - EX/TC/TOX (LEL/%Vol/H2S)
  - Part # 910-00100-D
- **E-Model**
  - EX/TC/COplus (LEL/%Vol/CO/O2)
  - Part # 910-00100-E
- **F-Model**
  - EX/TC/CO/TOX (LEL/%Vol/CO/H2S)
  - Part # 910-00100-F
- **G-Model**
  - EX/TC/TOXplus (LEL/%Vol/O2/H2S)
  - Part # 910-00100-G
- **H-Model**
  - 4 Gas/TC (LEL/%Vol/CO/O2/H2S)
  - Part # 910-00100-H
- **Inert Mode**
  - 4 Gas/TC (LEL/%Vol/CO/O2/H2S) 10% Alarm
  - Part # 910-1M100-H

*PPM Optional

**SENSIT® GOLD 100 Manual Calibration Kits**

- **A-Model**
  - EX/TC (21 liter 2.5% Methane, 21 liter 100% Methane)
  - Part # 881-00034
- **B-Model**
  - EX/TC/CO (21 liter Combo, 21 liter 100% Methane)
  - Part # 881-00035
- **C-Model**
  - EX/TCplus (21 liter 2.5% Methane, 21 liter 100% Methane)
  - Part # 881-00034
- **D-Model**
  - EX/TC/TOX (103 liter Combo, 58 liter H2S, 21 liter 100% Methane)
  - Part # 881-00031
- **E-Model**
  - EX/TC/COplus (21 liter Combo, 21 liter 100% Methane)
  - Part # 881-00035
- **F-Model**
  - EX/TC/CO/TOX (103 liter Combo, 58 liter H2S, 21 liter 100% Methane)
  - Part # 881-00031
- **G-Model**
  - EX/TC/TOXplus (103 liter Combo, 58 liter H2S, 21 liter 100% Methane)
  - Part # 881-00031
- **H-Model**
  - 4 Gas/TC (103 liter Combo, 58 liter H2S, 21 liter 100% Methane)
  - Part # 881-00031
- **Inert Mode**
  - 4 Gas/TC (103 liter Combo, 58 liter H2S, 21 liter 100% Methane)
  - Part # 881-00031
- **H2S**
  - H2S (58 liter H2S)
  - Part # 881-00033
- **Propane**
  - 1.1% Propane (21 L 1.1% Propane)
  - Part # 881-00038
- **Propane**
  - 1.1% Propane, 100ppm CO/Air (21 L 1.1% Propane, 21 L 100ppm CO)
  - Part # 881-00040

**SENSIT® GOLD 100 Automated Calibration**

SMART-CAL Auto Calibration Station Only
Part # 914-00000-01

**Contact SENSIT for calibration kits for Line Gas and Smart-Cal Stations.**