

# THE BEST JUST GOT BETTER

INTRODUCING THE NEXT  
GENERATION IN MULTI GAS LEAK DETECTION

# SENSIT<sup>®</sup> GOLD G3

## GAS DETECTION INSTRUMENT



COMPATIBLE WITH



# SENSIT<sup>®</sup> GOLD G3

## MULTI GAS DETECTOR

**FAST DETECTION. SEAMLESS DATA VISUALIZATION. WORKER AND COMMUNITY SAFETY.**



The **SENSIT<sup>®</sup> GOLD G3** makes gas detection faster and more accurate than ever. Designed with worker productivity in mind, the **SENSIT<sup>®</sup> GOLD G3** features improved durability, sensor and pump performance monitoring, and unmatched datalogging and mapping capabilities.

**SENSIT<sup>®</sup> GOLD G3** is ideal for locating above and below ground gas leaks, confined space monitoring, pipeline purging, leak survey, and other applications. **SENSIT<sup>®</sup> GOLD G3** multi-gas detector can be configured with up to 5 sensors for combustible and toxic gases as well as oxygen.

### DISPLAYS UP TO 5 GASES SIMULTANEOUSLY:

- LEL for CH<sub>4</sub> and C<sub>3</sub>H<sub>8</sub> (Methane and Propane) with %Volume and PPM Optional
- Oxygen - O<sub>2</sub>
- Carbon Monoxide - CO
- Hydrogen Sulfide - H<sub>2</sub>S
- Hydrogen Cyanide - HCN

### SELECTABLE GAS TYPE:

- Methane (Natural Gas)
- Propane

### PARTIAL LIST OF GASES SENSED:

- Butane
- Gasoline
- Hydrogen
- Natural Gas
- Propane
- Pentane
- Carbon Monoxide
- Hydrogen Sulfide
- Hydrogen Cyanide
- Oxygen
- Hydrogen

### STANDARD FEATURES

Intrinsically Safe Design (Certified)	Exceptional Water/Dust Protection (IP64)
2-Speed Pump for Fast Sampling	Rubberized Housing for durability
Audible Tick for Fast Leak Locating	Flashlight
Long Life "Smart" Sensors	Multi-Language Support
Multi-Color LED Dome Warning Light	Bluetooth
Bright, Easy to Read Display	<b>SMART-CAL 360</b> Compatible (Automatic Calibration/Bump Testing)
Loud, Audible Alarm	<b>SMART-LINK 360</b> Compatible (Download Logs)
Battery Strength Indicator	<b>SERVICE 360</b> Compatible (Firmware Updates)
Internal Memory for Record Retention	Rechargeable Battery

### APPLICATIONS

Combustible Gas Leak Detection
Gas Leak Survey
Above and Below Ground Leak Pinpointing
Carbon Monoxide Investigations
Confined Space Monitoring
Combustible Gas Measurements
Pipeline Purging
Method 21 Emissions Testing
Inert Gas Operations



- Alarm LEDs
- Sensor Cap with Water/Dirt Filter
- LEL/PPM Sensor
- Sounder
- TFT LCD
- Flexible Gooseneck
- 3 Button Operations
- Tick Wheel
- Over Molded, Rubberized Housing
- Battery Compartment
- Charger (Vehicle/Desktop)



### STANDARD KIT

- Soft-Sided, Padded Pouch
- Vehicle/Desktop Charger
- Wall Transformer or Vehicle Aux Cord
- Rechargeable Battery
- Extra Sensor Cap
- Wrist Strap
- Instruction Manual

### OPTIONAL HARDWARE:

- GPS with 3M Accuracy
- Extension Adapter
- Belt Clip
- Carrying Strap (Additional Hardware Required)

### INSTRUMENT MEMORY: # OF RECORDS

Data Log	475,000
Bar Hole   Session   Cal   Bump Log	1024
CO Test   CF Test   Purge   Peak Log	512

## SENSOR SPECIFICATIONS

TYPE	TECHNOLOGY	RESOLUTION	RANGE	ACCURACY
LEL	Semiconductor	Variable: 0.1% - 2.0% Increments	0-100% LEL	±10% or 1%LEL*
PPM	Semiconductor	1 ppm or 10 ppm	0 – 50,000 ppm	±10% or 500ppm*
% Gas	Thermal Conductivity	0.1%	5 – 100% Methane, 2.2 – 100% Propane	±5%
O2	Electrochemical	0.1%	0 – 25%	±0.2% or 10%*
CO	Electrochemical	1 ppm	0 – 2,000 ppm	±5ppm or 5%*
H2S	Electrochemical	1ppm or 0.1ppm	0 – 100 ppm	±2ppm or 5%*
HCN	Electrochemical	1ppm or 0.1ppm	0 – 30 ppm	±1 ppm or 5%*
SO2	Electrochemical	0.1 ppm	0 – 20 ppm	±1ppm or 10%*

\*whichever is greater

### ADDITIONAL FEATURES

#### Quick Menu:

- Tick
- Purge
- Peak Mode
- CF Test
- Confined Space Mode
- Bar Hole Test
- Leak Search
- Stand By
- CO Test
- Inert Mode

#### Bar Hole Test Feature:

- Peak Readings
- Sustained Readings
- 30 Second Test
- Automatic Bar Hole Test Purge
- Test Data Saved to Memory

## PRODUCT SPECIFICATIONS

Size: L-13 x W-3 x D-3.2 in (330 x 76 x 81 mm)
Weight: 2.3lbs (1.0kg)
Operational Temp: -4 to 122° F (-20 to 50° C)
Storage Temp: -4 to 140°F (-20 to 60° C)
Battery Life: >20hrs Continuous with Rechargeable
Recharge Time/ Temp: 10hrs Max/ 32°F to 104°F (0°C to 40°C)
Ingress Protection: IP64
2.7" TFT LCD

### CONFIGURABLE CALIBRATION REMINDERS:

- Next Calibration Due
- Last Calibration
- Calibration Over-Due
- Days Remaining Until Calibration Due
- Calibration Required Lockout

### GAS SPECIFICATION:

- "NSR" - Non-Standard Response
- "NSC" - Non-Standard Combustible

**SENSIT® GOLD G3  
INSTRUMENTS\***

**SENSIT® GOLD G3  
MANUAL CALIBRATION KITS\*\***

EX	Part # 945-00000-1000	(LEL 21 Liter 2.5% Methane)	Part # 881-00028
EX/CO	Part # 945-00000-1100	LEL/CO (21 Liter Combo)	Part # 881-00029
EX/O2	Part # 945-00000-1200	LEL/O2 (21 Liter 2.5% Methane)	Part # 881-00028
EX/TOX	Part # 945-00000-1300	LEL/H2S (103 Liter Combo, 58 Liter H2S)	Part # 881-00030
EX/CO/O2	Part # 945-00000-1110	LEL/CO/O2 (21 Liter Combo)	Part # 881-00029
EX/CO/TOX	Part # 945-00000-1120	LEL/CO/H2S (103 Liter Combo, 58 Liter H2S)	Part # 881-00030
EX/TOX/O2	Part # 945-00000-1310	LEL/O2/H2S (103 Liter Combo, 58 Liter H2S)	Part # 881-00030
4 Gas	Part # 945-00000-1111	LEL/CO/O2/H2S (103 Liter Combo, 58 Liter H2S)	Part # 881-00030
EX/CO/O2/H2N	Part # 945-00000-1112	LEL/CO/O2/HCN (103 Liter Combo, 34 Liter HCN)	Part # 881-00069
EX/O2/HCN	Part # 945-00000-1130	LEL/O2/HCN (103 Liter Combo, 34 Liter HCN)	Part # 881-00112
EX/TC	Part # 945-00000-2000	LEL/%Vol (21 Liter 2.5% Methane, 21 Liter 100% Methane)	Part # 881-00034
EX/TC/CO	Part # 945-00000-2100	LEL/%Vol/CO (21 Liter Combo, 21 Liter 100% Methane)	Part # 881-00035
EX/O2/TC	Part # 945-00000-2200	LEL/%Vol/O2 (21 Liter 2.5% Methane, 21 Liter 100% Methane)	Part # 881-00034
EX/TC/CO/O2	Part # 945-00000-2110	LEL/%Vol/CO/O2 (21 Liter Combo, 21 Liter 100% Methane)	Part # 881-00035
EX/TC/TOX	Part # 945-00000-2300	LEL/%Vol/H2S (103 Liter Combo, 58 Liter H2S, 116 Liter 100% Methane)	Part # 881-00106
EX/TC/CO/TOX	Part # 945-00000-2120	LEL/%Vol/CO/H2S (103 Liter Combo, 58 Liter H2S, 116 Liter 100% Methane)	Part # 881-00106
EX/TC/TOX/O2	Part # 945-00000-2310	LEL/%Vol/O2/H2S (103 Liter Combo, 58 Liter H2S, 116 Liter 100% Methane)	Part # 881-00106
4 Gas/TC	Part # 945-00000-2111	LEL/%Vol/CO/O2/H2S (103 Liter Combo, 58 Liter H2S, 116 Liter 100% Methane)	Part # 881-00106
EX/TC/CO/O2/HCN	Part # 945-00000-2112	LEL/%Vol/CO/O2/HCN (103 Liter Combo, 34 Liter HCN, 21 Liter 100% Methane)	Part # 881-00113
EX/(CO/H2S)/O2/HCN	Part # 945-00000-1234	LEL/CO/H2S/O2/HCN (103 Liter Combo, 58 Liter H2S, 34 Liter HCN)	Part # 881-00114
EX/TC(CO/H2S)/O2/HCN	Part # 945-00000-2234	LEL/%Vol/CO/H2S/O2/HCN (103 Liter Combo, 58 Liter H2S, 116 Liter 100% Methane, 34 Liter HCN)	Part # 881-00115

\*PPM Optional

**\*\*Contact SENSIT for calibration kits for Line Gas, Propane and SMART-CAL Stations.**



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WITH GLOBALLY SOURCED COMPONENTS

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