

# SENSIT® GOLD G2

GAS DETECTION INSTRUMENT



Find gas leaks, monitor hazardous conditions, purge lines and more!

MADE IN THE USA  
WITH GLOBALLY SOURCED COMPONENTS

**SENSIT**  
Technologies

Innovative Detection Solutions

[www.gasleaksensors.com](http://www.gasleaksensors.com)

# SENSIT<sup>®</sup> GOLD G2

**The most versatile and user-friendly gas leak detector available today!**

**SENSIT<sup>®</sup> GOLD G2** is a next generation instrument that is ideal for locating gas leaks and confined space applications. This instrument can also be used for inert gas operations to detect combustible gases in oxygen-free environments.

**SENSIT<sup>®</sup> GOLD G2** can be configured for combustible gas readings in PPM, LEL and/or percent volume, as well as, a variety of toxic gases and oxygen.

**SENSIT<sup>®</sup> GOLD G2** is

- Accurate
- Durable
- Easy to Use
- Easy to Maintain

**Find Gas Leaks Fast!**

## **Displays up to 4 Gases Simultaneously**

- LEL (%Volume and PPM Optional)
- Oxygen
- Carbon Monoxide
- Hydrogen Sulfide
- Hydrogen Cyanide (Optional)

## **Selectable Gas Type**

- Methane (Natural Gas)
- Propane

## **Standard Features**

- Intrinsically Safe Design (Certified)
- Internal Pump - Fast Sampling
- Audible "Tick" Control - Fast Leak Location
- Lowest Cost, Long Life Sensors
- LED Warning Lights
- Bright Graphic Display
- Loud Audible Alarm
- Battery Strength Indicator
- Internal Memory
- Exceptional Water Protection



## **Applications**

- Combustible Gas Leak Detection
- Gas Leak Survey
- Underground Leak Pinpointing
- Carbon Monoxide Investigations
- Confined Space Monitoring
- Combustible Gas Measurements
- Pipeline Purging
- Method 21 Emissions Testing
- Inert Gas Operations

## **Partial List of Gases Sensed**

- Butane
- Gasoline
- Methane
- Oxygen
- Carbon Monoxide
- Hydrogen Sulfide
- Natural Gas
- Propane







- LUER PROBE CONNECTOR
- SENSOR CAP
- LEL / PPM SENSOR
- INFRARED COMMUNICATIONS
- GRAPHIC DISPLAY
- ALARM LEDs
- OPERATION BUTTONS
- WATER-RESISTANT HOUSING
- FLEXIBLE GOOSENECK
- BATTERY COMPARTMENT

**TO OPERATE:**

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

Patented

**SENSOR SPECIFICATIONS**

TYPE	RESOLUTION	RANGE	ACCURACY
PPM*	1ppm or 10ppm	0-10,000 ppm	±10%
LEL	0.1% up to 2%	0-100% LEL	±10%
% NAT GAS	0.1%	5-100% GAS	±5%
% PROPANE	0.1%	2.2-100% GAS	±5%
O2	0.1%	0-25%	±0.2% or 10%**
CO	1ppm	0-2000ppm	±5ppm or 5%**
H2S	1ppm	0-100ppm	±2ppm or 5%**
HCN	1ppm	0-30ppm	±1ppm or 5%**

\*PPM Optional  
 PPM Ranges Available:  
 0-2,000ppm, 0-5,000ppm, 0-10,000ppm

\*\*Whichever is greater

**PRODUCT SPECIFICATIONS**

Size: 11.5" x 3" x 2.32" (29.2 x 7.6 x 5.9 cm)  
 Weight: 1.2 lb. (544 g)  
 Operational Temp: -4 to 104 F (-20 to 40° C)  
 Battery Life: Alkaline: Approximately 18 hrs. Continuous



**STANDARD KIT**

- Hard Carrying Case
- 3 "C" Batteries
- Extra Sensor Cap
- Choice of 2 Piece Bar Hole Probe or Confined Space Probe
- Wrist Strap
- T10 Allen Wrench
- Instruction Manual

**OPTIONAL FEATURES**

**Data Logging Options:**

- 100 Instant Event Saves
- 1600 Auto Log Saves
- 100 Bar Hole Tests

**ADDITIONAL FEATURES**

**Bar Hole Test Features:**

- Peak Readings
- Sustained Readings
- Timed Test

**Adjustable Calibration Reminders:**

- Calibration Due
- Calibration Over-Due (Shows at Start-up)

**Adjustable Gas Scales:**

- Auto Range Point for LEL to %Vol

**Gas Identification Alert Options:**

- "NSR" - Non-Standard Response
- "NSC" - Combustible Other Than Gas Calibrated to (4-5% Volume)

ATEX Cert. No. TRAC11ATEX21304X



Ex ib IIB T3  
 AEx ia IIB T3  
 IP54

CERTIFICATE ISSUED BY:



US Listed UL 913

Intrinsically Safe for Use in Class I, Groups C and D, T3 Hazardous Locations

**SENSIT® GOLD G2 Instruments\***

EX	LEL Part # 911-00000-01
EX/CO	LEL/CO Part # 911-00000-02
EXplus	LEL/O2 Part # 911-00000-03
EX/TOX	LEL/H2S Part # 911-00000-04
EX/COplus	LEL/CO/O2 Part # 911-00000-05
EX/CO/TOX	LEL/CO/H2S Part # 911-00000-06
EX/TOXplus	LEL/O2/H2S Part # 911-00000-07
4 Gas	LEL/CO/O2/H2S Part # 911-00000-08
EX/CO/O2/HCN	LEL/CO/O2/HCN Part # 911-00000-09
EX/TC	LEL/%Vol Part # 911-00000-51
EX/TC/CO	LEL/%Vol/CO Part # 911-00000-52
EX/TCplus	LEL/%Vol/O2 Part # 911-00000-53
EX/TC/TOX	LEL/%Vol/H2S Part # 911-00000-54
EX/TC/COplus	LEL/%Vol/CO/O2 Part # 911-00000-55
EX/TC/CO/TOX	LEL/%Vol/CO/H2S Part # 911-00000-56
EX/TC/TOXplus	LEL/%Vol/O2/H2S Part # 911-00000-57
4 Gas/TC	LEL/%Vol/CO/O2/H2S Part # 911-00000-58
EX/TC/COplus/HCN	LEL/%Vol/CO/O2/HCN Part # 911-00000-59

\*PPM Optional

**SENSIT® GOLD G2 Manual Calibration Kits\*\***

EX	LEL (21 liter 2.5% Methane) Part # 881-00028
EX/CO	LEL/CO (21 liter Combo) Part # 881-00029
EXplus	LEL/O2 (21 liter 2.5% Methane) Part # 881-00028
EX/TOX	LEL/H2S (103 liter Combo, 58 liter H2S) Part # 881-00030
EX/COplus	LEL/CO/O2 (21 liter Combo) Part # 881-00029
EX/CO/TOX	LEL/CO/H2S (103 liter Combo, 58 liter H2S) Part # 881-00030
EX/TOXplus	LEL/O2/H2S (103 liter Combo, 58 liter H2S) Part # 881-00030
4 Gas	LEL/CO/O2/H2S (103 liter Combo, 58 liter H2S) Part # 881-00030
EX/CO/O2/HCN	LEL/CO/O2/HCN (103 liter Combo, 34 liter HCN) Part # 881-00069
EX/TC	LEL/%Vol (21 Liter 2.5% Methane, 21 Liter 100% Methane) Part # 881-00034
EX/TC/CO	LEL/%Vol/CO (21 Liter Combo, 21 Liter 100% Methane) Part # 881-00035
EX/TCplus	LEL/%Vol/O2 (21 Liter 2.5% Methane, 21 Liter 100% Methane) Part # 881-00034
EX/TC/TOX	LEL/%Vol/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane) Part # 881-00031
EX/TC/COplus	LEL/%Vol/CO/O2 (21 Liter Combo, 21 Liter 100% Methane) Part # 881-00035
EX/TC/CO/TOX	LEL/%Vol/CO/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane) Part # 881-00031
EX/TC/TOXplus	LEL/%Vol/O2/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane) Part # 881-00031
4 Gas/TC	LEL/%Vol/CO/O2/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane) Part # 881-00031

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



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