

**SENSIT® GOLD G2**  
GAS DETECTION INSTRUMENT



**SENSIT® GOLD G2**  
makes finding gas leaks fast and easy!

MADE IN USA

FIND IT with **SENSIT**  
Technologies  
[www.gasleaksensors.com](http://www.gasleaksensors.com)

# SENSIT<sup>®</sup> GOLD G2

## VERSATILE MULTIPLE GAS DETECTION INSTRUMENT

### FIND GAS LEAKS FASTER

**SENSIT<sup>®</sup> GOLD G2** is the most versatile and user-friendly SENSIT available. The "G2" can be configured for combustible gas readings in PPM, LEL and/or percent volume, as well as a variety of toxic sensors and oxygen. The SENSIT GOLD G2 is ideal for leak location and confined space applications.

#### 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

#### G2 Standard Features

- Internal Pump - Fast Sampling
- Digital "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



#### INDUSTRY USERS

Gas Companies (natural & propane)  
Gas Exploration & Transmission COs  
Industrial Plants  
Chemical/Petro Chemical Plants  
Fire - Hazmat - Arson Services  
HVAC Contractors

#### APPLICATIONS

Combustible Gas Leak Detection  
Gas Leak Survey  
Underground Leak Pinpointing  
Carbon Monoxide Investigations  
Confined Space Monitoring  
Combustible Gas Measurements  
Pipeline Purging

#### PARTIAL LIST OF GASES SENSED\*

Butane  
Carbon Monoxide  
Gasoline  
Hydrogen Sulfide  
Methane  
Natural Gas  
Oxygen  
Propane

\*Contact Sensit Technologies for more info.



Patented

### SENSOR SPECIFICATIONS

TYPE	RESOLUTION	RANGE	ACCURACY
PPM*	1ppm or 10ppm	0-2,000 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 2%**
CO	1ppm	0-2000ppm	±5ppm or 5%**
H2S	1ppm	0-100ppm	±2ppm or 5%**
HCN	1ppm	0-30ppm	±5%

\*PPM Optional

\*\*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
- 2 Piece Bar Hole Probe
- Extra Sensor Cap
- 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-Combustible Gas Sensed
- "NSC" - Combustible Other Than Gas Calibrated to (4-5% Volume)

APPROVALS (Pending)

CE Ex II 2 G

EEx ib IIB T3  
 AEx ia IIB T3  
 Class 1, Division 1, Groups C and D  
 IP54



SGS FILE No. XXXX

Intrinsically Safe for Use in Class 1, Div. 1, Groups C and D hazardous locations

## SENSIT GOLD G2 ACCESSORIES (LEL) (PPM\* + LEL)

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

SMART-Cal Standard Gas Kit 221 Liter  
(Not for use with H<sub>2</sub>S, Propane or 100% CH<sub>4</sub>)  
Part # 881-00045

Smart-Cal 58 liter H<sub>2</sub>S Cal Kit only  
Part # 881-00047

**Manual Calibration Kits are available.  
Please contact factory for price and part number.**

21 liter Combo Gas (2.5% CH<sub>4</sub>/100ppm CO)  
Part # 315-080021

103 liter Combo Gas (2.5% CH<sub>4</sub>/100ppm CO)  
Part # 315-140001

221 liter Combo Gas (2.5% CH<sub>4</sub>/100ppm CO)  
Part # 315-180028

21 liter 1.1% Propane/Air  
Part # 315-080022

58 liter Hydrogen Sulfide (25ppm H<sub>2</sub>S/Air)  
Part # 315-120001

Sensor Cap (Replacement) w/"O" Rings  
Part # 870-00018

Extension Adapter  
Part # 870-00012

Hot Air Probe  
Part # 883-00023

Confined Space Probe  
Part # 883-00015

PC Interface with Software  
Part # 870-00008

Printer (Infrared)  
Part # 870-00004

Wrench (Battery Compartment Tool)  
Part # 360-00105

## The following accessories to be used with the SENSIT GOLD G2 (LEL + % V/V) (PPM\* + LEL + % V/V)

21 liter 100% Methane  
Part # 315-080007

Demand Regulator – Use with Line Gas  
Part # 880-00007

2pc Probe Assembly  
Part # 883-00036

30" Brass Probe (5/16 OD)  
Part # 883-00018

32" Fiberglass Probe  
Part # 883-00019

Purge Probe (Brass)  
Part # 883-00030

Plunger Bar 42"  
Part # 870-00010

Hydrocarbon Filter Kit (6 pack)  
Part # 873-00015

Inline "Mini" Hydrocarbon Filter Kit  
(10 pack – BH probe with filter required)  
Part # 873-00012

\*PPM Optional

For more information, visit [www.gasleaksensors.com](http://www.gasleaksensors.com)



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MADE IN USA

SENSIT Technologies  
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