

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

SENSIT[®] GOLD G2

VERSATILE MULTIPLE GAS DETECTION INSTRUMENT

FIND GAS LEAKS FASTER

SENSIT[®] 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.



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	0-2,000 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)



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 H₂S, Propane or 100% CH₄)
Part # 881-00045

Smart-Cal 58 liter H₂S 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% CH₄/100ppm CO)
Part # 315-080021

103 liter Combo Gas (2.5% CH₄/100ppm CO)
Part # 315-140001

221 liter Combo Gas (2.5% CH₄/100ppm CO)
Part # 315-180028

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

58 liter Hydrogen Sulfide (25ppm H₂S/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



851 Transport Drive
Valparaiso, IN 46383-8432

Phone: 888 4SENSIT
888 473 6748
219 465 2700

Fax: 219 465 2701
www.gasleaksensors.com

MADE IN USA

SENSIT Technologies
is in compliance with ISO 9001:2008



Distributed by:

