

**SENSIT<sup>®</sup> GOLD**  
GAS DETECTION INSTRUMENT



**SENSIT<sup>®</sup> GOLD** helps find  
the source of combustible gases fast!

MADE IN USA

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

# SENSIT<sup>®</sup> GOLD

## VERSATILE MULTIPLE GAS DETECTION INSTRUMENT

**SENSIT<sup>®</sup> GOLD** is designed to provide personal protection from potentially hazardous conditions and help find the source of combustible gases fast! Whether you need an investigation tool or a confined space monitor, you can depend on the SENSIT<sup>®</sup> GOLD to provide the safety and accuracy you need.

### Displays Up To 4 Gases

- LEL (PPM Optional)
- Oxygen
- Carbon Monoxide
- Hydrogen Sulfide
- Hydrogen Cyanide (Optionally)

### GOLD Standard Features

- 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



### INDUSTRY USERS

Utilities  
Maintenance  
Fire Departments  
Safety Inspectors  
Home Inspectors  
Water/Sewer Departments  
Heating Contractors  
Utility Contractors  
Industrial Plants  
Propane Marketers

### APPLICATIONS

Gas Leak Survey/Investigations  
Confined Space Monitoring  
Gas Emergency Investigations  
Vessel Testing

### PARTIAL LIST OF GASES SENSED\*

Butane  
Carbon Monoxide  
Gasoline  
Hydrogen Sulfide  
Methane  
Natural Gas  
Oxygen  
Propane

\*Contact Sensit Technologies for more info.



- LUER PROBE CONNECTOR
- WATER / DIRT FILTER
- LEL / PPM SENSOR
- INFRARED COMMUNICATIONS
- BACKLIT LCD DISPLAY
- ALARM LEDs
- OPERATION BUTTONS
- TICK ADJUST
- FLEXIBLE GOOSENECK
- BATTERY COMPARTMENT

**TO OPERATE:**

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

Patented



- |                     |                      |
|---------------------|----------------------|
| <b>STANDARD KIT</b> | <b>KIT OPTIONS</b>   |
| Hard Carrying Case  | Recharger Kit        |
| 3 "C" Batteries     | Printer              |
| Extra Sensor Cap    | PC Interface         |
| Wrist Strap         | Hot Air Probe        |
| Instruction Manual  | Confined Space Probe |
|                     | Calibration Kit      |

**OPTIONAL FEATURES**

- Data Logging
- Adjustable Alarms
- Infrared Printer Compatibility

**ADDITIONAL FEATURES**

- Calibration Due Reminder

**SENSOR SPECIFICATIONS**

| TYPE       | RESOLUTION      | RANGE         | ACCURACY       |
|------------|-----------------|---------------|----------------|
| LEAK (CSA) | N/A             | 50-50,000 ppm | N/A            |
| LEAK (UL)  | N/A             | 10-50,000 ppm | N/A            |
| PPM* (CSA) | 50 ppm          | 0-2,000 ppm   | N/A            |
| PPM* (UL)  | 1 or 10 ppm     | 0-2,000 ppm   | N/A            |
| LEL        | 0.1% up to 2.0% | 0-100% LEL    | ±10%           |
| O2         | 0.1%            | 0-25%         | ±0.2% or 2%**  |
| CO         | 1 ppm           | 0-2000 ppm    | ±5 ppm or 5%** |
| H2S        | 1 ppm           | 0-100 ppm     | ±1 ppm or 5%** |
| HCN        | 1 ppm           | 0-30 ppm      | ±5%            |

\*PPM Optional

\*\*Whichever is greater

**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: -20 to 120 F (-28.9 to 48.9° C)
- Battery Life: Alkaline: Approximately 16 hrs. Continuous



Approved C22.2  
 No. 152 and C22.2 No. 157  
 For Exia Class I, Div. 1, Groups C & D, T3  
 hazardous locations when used with Duracell  
 MN1400BK batteries or equivalent alkaline cells.



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 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

## **The following accessories to be used with the SENSIT GOLD (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  
is in compliance with ISO 9001:2008



Distributed by:

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