

SENSIT® GOLD CGI
COMBUSTIBLE GAS INDICATOR



Find combustible gas leaks and monitor hazardous gas conditions.

MADE IN USA



Innovative Detection Solutions

www.gasleaksensors.com

SENSIT[®] GOLD CGI

Designed to help you find the source of combustible gases fast!

With its durable design and easy operation, **SENSIT[®] GOLD CGI** accurately finds gas leaks fast. The bright LCD display shows all gas concentrations simultaneously fulfilling any confined space entry requirements.

A bar-hole test feature helps to accurately locate below ground leaks. An operator controlled tick rate assists in finding leaks on exposed piping faster than ever before.

Calibration is easily accomplished in the field with **SENSIT[®] GOLD CGI**. The high-tech sensors provide a long life with the lowest replacement cost.

SENSIT[®] GOLD CGI has the lowest cost of operation of any instrument in its class.

SENSIT[®] GOLD CGI is

- Accurate
- Durable
- Easy to Use
- Easy to Maintain
- Made in USA

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
- 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



Applications

- Combustible Gas Leak Detection
- Gas Leak Survey
- Underground Leak Pinpointing
- Carbon Monoxide Investigations
- Confined Space Monitoring
- Combustible Gas Measurements
- Pipeline Purging (NFPA 54 Compliant)
- Method 21 Emissions Testing

Partial List of Gases Sensed

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



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%
PPM* (CSA)	50ppm	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 10%**
CO	1ppm	0-2000ppm	±5ppm or 5%**
H2S	1ppm	0-100ppm	±2ppm 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 5.9 cm)
Weight:	1.2 lb. (544 g)
Operational Temp:	-4 to 122 F (-20 to 50° C)
Battery Life:	Alkaline: Approximately 12 hrs. Continuous



STANDARD KIT

- Hard Carrying Case
- 3 "C" Batteries
- 2 Piece Bar Hole Probe
- Extra Sensor Cap
- Wrist Strap
- Instruction Manual

KIT OPTIONS

- Recharger Kit
- Printer
- PC Interface
- Hot Air Probe
- Confined Space Probe
- Calibration Kit

OPTIONAL FEATURES

Bar Hole Test Features:

- Peak Readings
- Sustained Readings
- Timed Test

Data Logging Options:

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

Adjustable Calibration Reminders:

Calibration Over-Due (Shows at Start-up)

Gas Identification Alert Options:

"NSR" - Non-Standard Response



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 CGI Instruments*

A-Model	EX/TC (LEL/%Vol) Part # 910-00000-A
B-Model	EX/TC/CO (LEL/%Vol/CO) Part # 910-00000-B
C-Model	EX/TCplus (LEL/%Vol/O2) Part # 910-00000-C
D-Model	EX/TC/TOX (LEL/%Vol/H2S) Part # 910-00000-D
E-Model	EX/TC/COplus (LEL/%Vol/CO/O2) Part # 910-00000-E
F-Model	EX/TC/CO/TOX (LEL/%Vol/CO/H2S) Part # 910-00000-F
G-Model	EX/TC/TOXplus (LEL/%Vol/O2/H2S) Part # 910-00000-G
H-Model	4 Gas/TC (LEL/%Vol/CO/O2/H2S) Part # 910-00000-H

*PPM Optional

SENSIT® GOLD CGI Standard Kit Replacement Parts

Hard Carrying Case	Part # 872-00001
Sensor Cap (Replacement) w/"O" Rings	Part # 870-00018
Wrist Strap	Part # 360-00040
Instruction Manual	Part # 750-00035

SENSIT® GOLD CGI Manual Calibration Kits**

A-Model	EX/TC (21 liter 2.5% Methane, 21 liter 100% Methane) Part # 881-00034
B-Model	EX/TC/CO (21 liter Combo, 21 liter 100% Methane) Part # 881-00035
C-Model	EX/TCplus (21 liter 2.5% Methane, 21 liter 100% Methane) Part # 881-00034
D-Model	EX/TC/TOX (103 liter Combo, 58 liter H2S, 21 liter 100% Methane) Part # 881-00031
E-Model	EX/TC//COplus (21 liter Combo, 21 liter 100% Methane) Part # 881-00035
F-Model	EX/TC/CO/TOX (103 liter Combo, 58 liter H2S, 21 liter 100% Methane) Part # 881-00031
G-Model	EX/TC/TOXplus (103 liter Combo, 58 liter H2S, 21 liter 100% Methane) Part # 881-00031
H-Model	4 Gas/TC (103 liter Combo, 58 liter H2S, 21 liter 100% Methane) Part # 881-00031
H2S	H2S (58 liter H2S) Part # 881-00033
Propane	1.1% Propane (21 L 1.1% Propane) Part # 881-00038
Propane	1.1% Propane, 100ppm CO/Air (21 L 1.1% Propane, 21 L 100ppm CO) Part # 881-00040

SENSIT® GOLD CGI Automated Calibration

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

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



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MADE IN USA

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