

SENSIT® GOLD G2

GAS DETECTION INSTRUMENT



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

MADE IN USA

1.800.561.8187

www.itm.com

SENSIT
Technologies

Innovative Detection Solutions

information@itm.com

SENSIT[®] GOLD G2

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

SENSIT[®] 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[®] 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[®] GOLD G2 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 - 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 | • Carbon Monoxide |
| • Gasoline | • Hydrogen Sulfide |
| • Methane | • Natural Gas |
| • Oxygen | • Propane |



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

CE 0891 Ex II 2 G

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.**

851 Transport Drive
Valparaiso, IN 46383-8432

MADE IN USA

SENSIT Technologies
is in compliance with ISO 9001:2008

