

SENSIT® GOLD 100

GAS DETECTION INSTRUMENT



Find gas leaks, purge lines and more with **SENSIT GOLD 100**

MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS

SENSIT
Technologies

Innovative Detection Solutions

www.gasleaksensors.com

SENSIT[®] GOLD 100

A multi-function gas detector ideal for inert and purging applications.

SENSIT[®] GOLD 100 is a portable leak detector and multi-gas confined space monitor with expanded in-field capabilities.

SENSIT[®] GOLD 100 pinpoints natural gas or propane gas leaks and is designed to provide personal protection from potentially hazardous conditions.

SENSIT[®] GOLD 100 meets NFPA 54 National Fuel Code for Gas Pipe Purging.

This instrument can also be configured for inert gas and oxygen-free applications.

SENSIT[®] GOLD 100 is

- Accurate
- Durable
- Easy to Use
- Easy to Maintain

Find Gas Leaks Fast!



Displays Up To 4 Gases Simultaneously

- LEL and %Volume (PPM Optional)
- Oxygen
- Carbon Monoxide
- Hydrogen Sulfide
- Hydrogen Cyanide (Optional)

Selectable Gas Type

- Methane (Natural Gas)
- Propane

Standard Features

- Intrinsically Safe Design (Certified)
- Lowest Cost, Long Life Sensors
- 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
- Inert Gas Operations

Partial List of Gases Sensed

- Butane
- Gasoline
- Methane
- Oxygen
- Carbon Monoxide
- Hydrogen Sulfide
- 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
LEAK	N/A	10-50,000 ppm	N/A
PPM*	1 or 10ppm	0-2,000 ppm	N/A
LEL	0.1%	0-100% LEL	±10%
% NAT GAS	0.1%	5-100% 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 2.5%**

*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:	0 to 120 F (-17.78 to 48.9° C)
Battery Life:	Alkaline: Approximately 12 hrs. Continuous



STANDARD KIT

- Hard Carrying Case
- 3 "C" Batteries
- Extra Sensor Cap
- Wrist Strap
- Instruction Manual

KIT OPTIONS

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



SENSIT GOLD 100 PURGE KIT

EX (LEL, %Vol)
Part # 910-00100-APP



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 100 Instruments*

A-Model	EX/TC (LEL/%Vol) Part # 910-00100-A
B-Model	EX/TC/CO (LEL/%Vol/CO) Part # 910-00100-B
C-Model	EX/TCplus (LEL/%Vol/O2) Part # 910-00100-C
D-Model	EX/TC/TOX (LEL/%Vol/H2S) Part # 910-00100-D
E-Model	EX/TC/COplus (LEL/%Vol/CO/O2) Part # 910-00100-E
F-Model	EX/TC/CO/TOX (LEL/%Vol/CO/H2S) Part # 910-00100-F
G-Model	EX/TC/TOXplus (LEL/%Vol/O2/H2S) Part # 910-00100-G
H-Model	4 Gas/TC (LEL/%Vol/CO/O2/H2S) Part # 910-00100-H
Inert Mode	4 Gas/TC (LEL/%Vol/CO/O2/H2S) 10% Alarm Part # 910-IM100-H

*PPM Optional

SENSIT® GOLD 100 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 # 750-00038

SENSIT® GOLD 100 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
Inert Mode	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 100 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 THE USA
WITH GLOBALLY SOURCED COMPONENTS

SENSIT Technologies
is in compliance with ISO 9001:2008



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