THE BEST JUST GOT BETTER

INTRODUCING THE NEXT GENERATION IN MULTI GAS LEAK DETECTION

SENSIT® GOLD G3

GAS DETECTION INSTRUMENT

COMPATIBLE WITH

SMART CAL 360 | SMART DP 360 | SERVICE 360

SENSIT Technologies

SENSIT® GOLD G3

MULTI GAS DETECTOR

FAST DETECTION. SEAMLESS DATA VISUALIZATION. WORKER AND COMMUNITY SAFETY.

The **SENSIT® GOLD G3** makes gas detection faster and more accurate than ever. Designed with worker productivity in mind, the **SENSIT® GOLD G3** features improved durability, sensor and pump performance monitoring, and unmatched datalogging and mapping capabilities.

SENSIT® GOLD G3 is ideal for locating above and below ground gas leaks, confined space monitoring, pipeline purging, leak survey, and other applications. **SENSIT® GOLD G3** multi-gas detector can be configured with up to 5 sensors for combustible and toxic gases as well as oxygen.

DISPLAYS UP TO 5 GASES SIMULTANEOUSLY:

- LEL for CH4 and C3H8 (Methane and Propane) with %Volume and PPM Optional
- Oxygen - O2
- Carbon Monoxide - CO
- Hydrogen Sulfide - H2S
- Hydrogen Cyanide - HCN

SELECTABLE GAS TYPE:

- Methane (Natural Gas)
- Propane

PARTIAL LIST OF GASES SENSED:

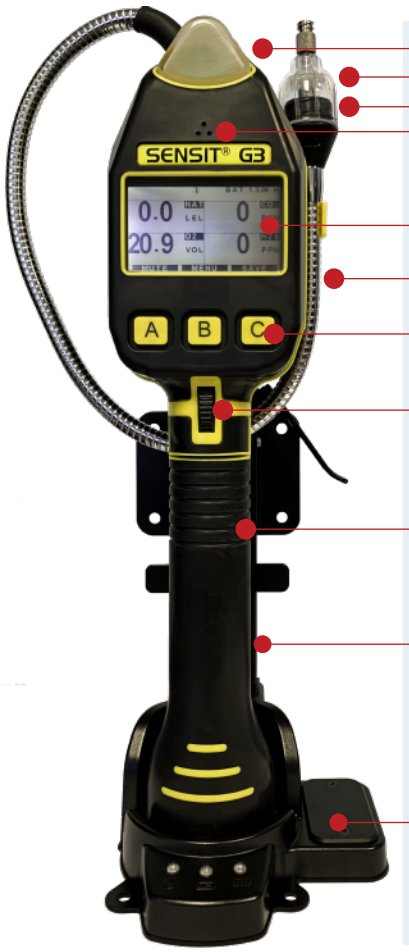
- Butane
- Gasoline
- Hydrogen
- Natural Gas
- Propane
- Pentane
- Carbon Monoxide
- Hydrogen Sulfide
- Hydrogen Cyanide
- Oxygen
- Hydrogen

STANDARD FEATURES

Intrinsically Safe Design (Certified)	Exceptional Water/Dust Protection (IP64)
2-Speed Pump for Fast Sampling	Rubberized Housing for durability
Audible Tick for Fast Leak Locating	Flashlight
Long Life "Smart" Sensors	Multi-Language Support
Multi-Color LED Dome Warning Light	Bluetooth
Bright, Easy to Read Display	**SMART-CAL 360** Compatible (Automatic Calibration/Bump Testing)
Loud, Audible Alarm	**SMART-LINK 360** Compatible (Download Logs)
Battery Strength Indicator	**SERVICE 360** Compatible (Firmware Updates)
Internal Memory for Record Retention	Rechargeable Battery

APPLICATIONS

Combustible Gas Leak Detection
Gas Leak Survey
Above and Below Ground Leak Pinpointing
Carbon Monoxide Investigations
Confined Space Monitoring
Combustible Gas Measurements
Pipeline Purging
Method 21 Emissions Testing
Inert Gas Operations



Alarm LEDs
Sensor Cap with Water/Dirt Filter
LEL/PPM Sensor
Sounder
TFT LCD
Flexible Gooseneck
3 Button Operations
Tick Wheel
Over Molded, Rubberized Housing
Battery Compartment
Charger (Vehicle/Desktop)

SENSOR SPECIFICATIONS

TYPE	TECHNOLOGY	RESOLUTION	RANGE	ACCURACY
LEL	Semiconductor	Variable: 0.1% - 2.0% Increments	0-100% LEL	±10% or 1%LEL*
PPM	Semiconductor	1 ppm or 10 ppm	0 – 50,000 ppm	±10% or 500ppm*
% Gas	Thermal Conductivity	0.1%	5 – 100% Methane, 2.2 – 100% Propane	±5%
O2	Electrochemical	0.1%	0 – 25%	±0.2% or 10%*
CO	Electrochemical	1 ppm	0 – 2,000 ppm	±5ppm or 5%*
H2S	Electrochemical	1ppm or 0.1ppm	0 – 100 ppm	±2ppm or 5%*
HCN	Electrochemical	1ppm or 0.1ppm	0 – 30 ppm	±1ppm or 5%*
SO2	Electrochemical	0.1ppm	0 – 20 ppm	±1ppm or 10%*

*whichever is greater

PRODUCT SPECIFICATIONS

Size: L-13 x W-3 x D-3.2 in (330 x 76 x 81 mm)
Weight: 2.3lbs (1.0kg)
Operational Temp: -4 to 122° F (-20 to 50° C)
Storage Temp: -4 to 140°F (-20 to 60° C)
Battery Life: >20hrs Continuous with Rechargeable
Recharge Time/ Temp: 10hrs Max/ 32°F to 104°F (0°C to 40°C)
Ingress Protection: IP64
2.7" TFT LCD

STANDARD KIT
Soft-Sided, Padded Pouch
Vehicle/Desktop Charger
Wall Transformer or Vehicle Aux Cord
Rechargeable Battery
Extra Sensor Cap
Wrist Strap
Instruction Manual

OPTIONAL HARDWARE:
GPS with 3M Accuracy
Extension Adapter
Belt Clip
Carrying Strap (Additional Hardware Required)

INSTRUMENT MEMORY:	# OF RECORDS
Data Log	475,000
Bar Hole | Session | Cal | Bump Log	1024
CO Test | CF Test | Purge | Peak Log	512

ADDITIONAL FEATURES
Quick Menu:

Tick	Bar Hole Test
Purge	Leak Search
Peak Mode	Stand By
CF Test	CO Test
Confined Space Mode	Inert Mode

Bar Hole Test Feature:
Peak Readings
Sustained Readings
30 Second Test
Automatic Bar Hole Test Purge
Test Data Saved to Memory

CONFIGURABLE CALIBRATION REMINDERS:
Next Calibration Due
Last Calibration
Calibration Over-Due
Days Remaining Until Calibration Due
Calibration Required Lockout

GAS SPECIFICATION:
"NSR" - Non-Standard Response
"NSC" - Non-Standard Combustible

SENSIT® GOLD G3 INSTRUMENTS*		SENSIT® GOLD G3 MANUAL CALIBRATION KITS**	
EX	Part # 935-00000-1000	(LEL 21 Liter 2.5% Methane)	Part # 881-00028
EX/CO	Part # 935-00000-1100	LEL/CO (21 Liter Combo)	Part # 881-00029
EX/O2	Part # 935-00000-1200	LEL/O2 (21 Liter 2.5% Methane)	Part # 881-00028
EX/TOX	Part # 935-00000-1300	LEL/H2S (103 Liter Combo, 58 Liter H2S)	Part # 881-00030
EX/CO/O2	Part # 935-00000-1110	LEL/CO/O2 (21 Liter Combo)	Part # 881-00029
EX/CO/TOX	Part # 935-00000-1120	LEL/CO/H2S (103 Liter Combo, 58 Liter H2S)	Part # 881-00030
EX/TOX/O2	Part # 935-00000-1310	LEL/O2/H2S (103 Liter Combo, 58 Liter H2S)	Part # 881-00030
4 Gas	Part # 935-00000-1111	LEL/CO/O2/H2S (103 Liter Combo, 58 Liter H2S)	Part # 881-00030
EX/CO/O2/H2S	Part # 935-00000-1112	LEL/CO/O2/HCN (103 Liter Combo, 34 Liter HCN)	Part # 881-00069
EX/O2/HCN	Part # 935-00000-1130	LEL/O2/HCN (103 Liter Combo, 2.5% Methane, 34 Liter HCN)	Part # 881-00112
EX/TC	Part # 935-00000-5000	LEL/%Vol (21 Liter 2.5% Methane, 21 Liter 100% Methane)	Part # 881-00034
EX/TC/CO	Part # 935-00000-5100	LEL/%Vol/CO (21 Liter Combo, 21 Liter 100% Methane)	Part # 881-00035
EX/O2/TC	Part # 935-00000-5200	LEL/%Vol/O2 (21 Liter 2.5% Methane, 21 Liter 100% Methane)	Part # 881-00034
EX/TC/CO/O2	Part # 935-00000-5110	LEL/%Vol/CO/O2 (21 Liter Combo, 21 Liter 100% Methane)	Part # 881-00035
EX/TC/TOX	Part # 935-00000-5300	LEL/%Vol/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane)	Part # 881-00031
EX/TC/CO/TOX	Part # 935-00000-5120	LEL/%Vol/CO/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane)	Part # 881-00031
EX/TC/TOX/O2	Part # 935-00000-5310	LEL/%Vol/O2/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane)	Part # 881-00031
4 Gas/TC	Part # 935-00000-5111	LEL/%Vol/CO/O2/H2S (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane)	Part # 881-00031
EX/TC/CO/O2/HCN	Part # 935-00000-5112	LEL/%Vol/CO/O2/HCN (103 Liter Combo, 34 Liter HCN, 21 Liter 100% Methane)	Part # 881-00113
EX/(CO/H2S)/O2/HCN	Part # 935-00000-3230	LEL/CO/H2S/O2/HCN (103 Liter Combo, 58 Liter H2S, 34 Liter HCN)	Part # 881-00114
EX/TC(CO/H2S)/O2/HCN	Part # 935-00000-5300	LEL/%Vol/CO/H2S/O2/HCN (103 Liter Combo, 58 Liter H2S, 21 Liter 100% Methane, 34 Liter HCN)	Part # 881-00115

*PPM Optional

**Contact SENSIT for calibration kits for Line Gas, Propane and SMART-CAL Stations.

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Distributed by:

GROEBNER
POWERED BY EXPERIENCE
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ISSUED: 4-5-2021 REV: 8-16-2021