

**SENSIT<sup>®</sup> P100**  
PERSONAL MONITOR



**SENSIT<sup>®</sup> P100** will alert workers  
of dangerous levels of toxic gases or oxygen

MADE IN USA



Innovative Detection Solutions

[www.gasleaksensors.com](http://www.gasleaksensors.com)

# SENSIT<sup>®</sup> P100

## PERSONAL SINGLE GAS MONITOR

**Protect yourself from hazardous gases!**

**SENSIT<sup>®</sup> P100** is a single gas personal monitor designed to warn the user of hazardous gases in their working environment.

### Easy to Use

### Low Maintenance

### Low Initial Cost

### Available Sensors

Hydrogen Sulfide (H<sub>2</sub>S)  
Hydrogen Cyanide (HCN)  
Oxygen (O<sub>2</sub>)  
Carbon Monoxide (CO)  
Chlorine (Cl<sub>2</sub>)  
Nitric Oxide (NO)  
Nitrogen Dioxide (NO<sub>2</sub>)  
Sulfur Dioxide (SO<sub>2</sub>)

### P100 Standard Features

- One Button Operation
- Audible Alarm
- Visual Alarm
- Vibration Alarm
- STEL and TWA Alarms
- Alarm Event Memory
- Easy Field Calibration
- 2-Year Operation
- Limited 2-Year Warranty (Including Sensor)
- Extended Warranty Available



### INDUSTRY USERS

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

### APPLICATIONS

Oil & Gas Exploration  
Gas Contractors  
Emergency Responders  
Emergency Medical Personnel

\*Contact Sensit Technologies for more info.



**TO OPERATE:**

- 1. Press Power**
- 2. Wait 30 Seconds for Automatic Zeroing**
- 3. Begin to Use**

Patented

**SENSOR SPECIFICATIONS**

TYPE	RESOLUTION	RANGE
O2	0.1%	25%
CO	1ppm	0-999* (See Extended Display Option, Next Column)
H2S	1ppm	0-100
HCN	0.1ppm	0-30
Cl <sub>2</sub>	0.1ppm	0-20
NO	1ppm	0-250
NO <sub>2</sub>	0.1ppm	0-20
SO <sub>2</sub>	0.1ppm	0-20

**PRODUCT SPECIFICATIONS**

Size: 3.81" x 2.31" x 0.8" (9.67 x 5.87 x 2 cm)  
 Weight: 3.6 oz. (105 g)  
 Operational Temp: -4 to 104 F (-20 to 40° C)  
 Humidity: 15-90% RH (Non-condensing)  
 Power Source: 3.6V Lithium Battery  
 Battery Life: 2+ Years (May be less depending upon temperature & duration of alarm)



**STANDARD KIT**

Belt Clip  
 Instruction Manual

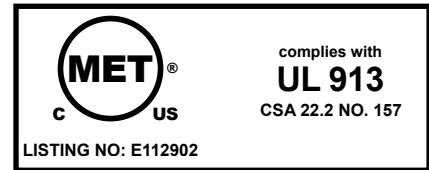
**KIT OPTIONS**

Bump Test Station  
 Calibration Kit

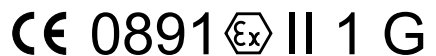
**OPTIONAL FEATURES**

"Always On" Mode  
 Infrared Communication  
 Remote Sample Draw Assembly  
 Aspirator with 10ft. Tubing and Probe

\*CO Extended Display Option:  
 Detection Range:  
 0ppm - .2% Volume  
 (2000ppm equivalent)  
 Resolution:  
 1ppm for 0 - 999ppm  
 01% Volume for 1000ppm - 2000ppm



Class 1, Groups A, B, C, & D  
 Ex ia  
 Temp code: T4



Ex ia IIC T4  
 AEx ia IIc T4  
 IP65  
 ATEX Cert. No.: TRAC 09 ATEX 11195X  
 EMC Directive (2004/108/EC)  
 EN 61000-4-2:1995, EN 61000-4-3:2002,  
 EN 55011:2007

## SENSIT P100 ACCESSORIES

Sensit P100 CO Calibration Kit (100ppm CO)  
Part # 881-00051

Sensit P100 H2S Calibration Kit (25ppm H2S)  
Part # 881-00052

Sensit P100 HCN Calibration Kit (10ppm HCN)  
Part # 881-00057

Sensit P100 Chlorine Calibration Kit (5ppm Cl2)  
Part # 881-00050

Sensit P100 Nitrous Oxide Calibration Kit (25ppm)  
Part # 881-00054

Sensit P100 Nitrogen Dioxide Calibration Kit (10ppm)  
Part # 881-00055

Sensit P100 Sulfur Dioxide Calibration Kit (10ppm)  
Part # 881-00056

34 liter 100ppm CO/Air  
Part # 315-100001

34 liter 25ppm H2S/Air  
Part # 315-100007

34 liter 10ppm HCN/Nitrogen  
Part # 315-100006

34 liter 5ppm Chlorine/bal N2  
Part # 315-100009

34 liter 25ppm Nitrous Oxide/bal N2  
Part # 315-100008

34 liter 10ppm Nitrogen Dioxide/bal N2  
Part # 315-100005

34 liter 10ppm Sulfur Dioxide/bal Air  
Part # 315-100002

## PRODUCT / APPLICATION OPTIONS

**SENSIT® SCal-100** automatically calibrates, downloads and saves calibration and operational data of any **SENSIT® P100 GAS MONITOR**.

### SENSIT® GOLD G2 GAS DETECTION INSTRUMENT

**SENSIT® GOLD G2** is the most versatile and user-friendly SENSIT instrument available.

Displays Up To 4 Gases Simultaneously

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



### Trak-It® IIIa

#### COMBUSTIBLE GAS INDICATOR

**TRAK-IT® IIIa** displays up to 4 gases and can be configured for combustible gas readings in PPM, LEL and/or percent volume as well as a variety of toxic sensors and oxygen.



### Coming Soon

### SENSIT® P400 PERSONAL MONITOR

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



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