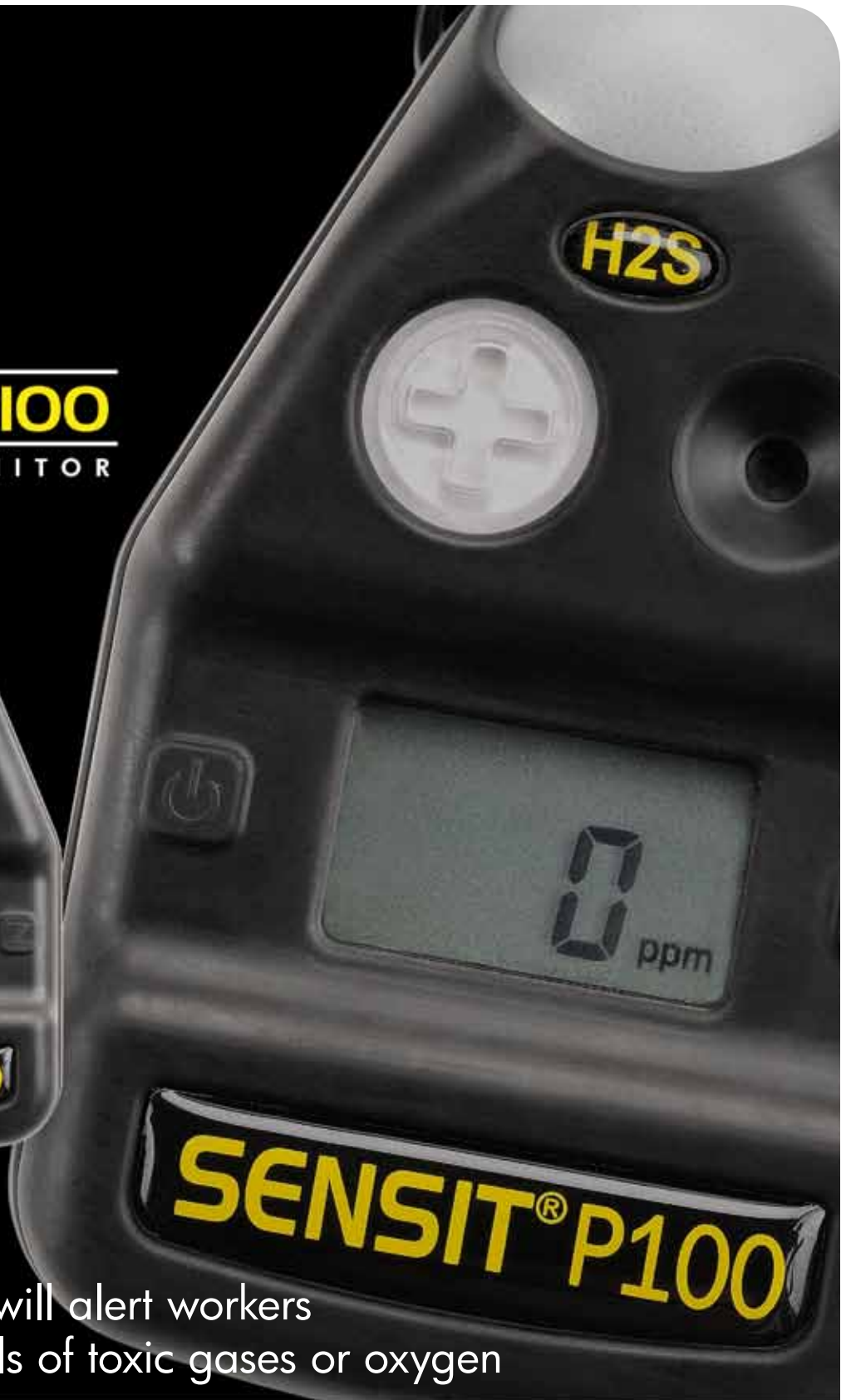


**SENSIT<sup>®</sup> P100**  
PERSONAL MONITOR



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

# 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>)  
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)
- 4-Year Warranty Available
- For use with SCAL-100 Test Stations



### 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.



ALARM LEDs  
OPTICAL COMMUNICATION PORT

SENSOR  
SOUNDER

ON / OFF  
GRAPHIC DISPLAY  
ZERO / CALIBRATE

BELT CLIP (ON BACK)

**TO OPERATE:**

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

Patented

**SENSOR SPECIFICATIONS**

TYPE	RESOLUTION	RANGE
O <sub>2</sub>	0.1%	25%
CO	1ppm	0-999* (See Extended Display Option, Next Column)
H <sub>2</sub> S	1ppm	0-100
HCN	0.1ppm	0-30
Cl <sub>2</sub>	0.1ppm	0-20
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 122 F (-20° to 50° 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

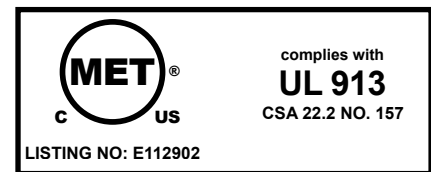
\*CO Extended Display Option:

Detection Range:  
0ppm - .2% Volume  
(2000ppm equivalent)

Resolution:  
1ppm for 0 - 999ppm  
01% Volume for 1000ppm - 2000ppm

3-Year Operation

Approvals Pending



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

**CE 0891 Ex II 1 G**

Ex ia IIC T4 (-20°C ≤ T<sub>amb</sub> to ≤ 50°C)  
AEx ia IIC T4 (-20°C ≤ T<sub>amb</sub> to ≤ 50°C)  
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 Instruments

Carbon Monoxide	P100 CO with 2 Year Warranty Part # 912-00000-03
Carbon Monoxide	P100 CO with 3 Year Warranty Part # 912-00000-18
Carbon Monoxide	P100 CO with 4 Year Warranty Part # 912-00000-04
Hydrogen Sulfide	P100 H2S with 2 Year Warranty Part # 912-00000-05
Hydrogen Sulfide	P100 H2S with 3 Year Warranty Part # 912-00000-17
Hydrogen Sulfide	P100 H2S with 4 Year Warranty Part # 912-00000-06
Hydrogen Cyanide	P100 HCN with 2 Year Warranty Part # 912-00000-07
Hydrogen Cyanide	P100 HCN with 4 Year Warranty Part # 912-00000-08
Nitrogen Dioxide	P100 NO2 with 2 Year Warranty Part # 912-00000-10
Nitrogen Dioxide	P100 NO2 with 4 Year Warranty Part # 912-00000-11
Oxygen	P100 O2 with 2 Year Warranty Part # 912-00000-13
Oxygen	P100 O2 with 4 Year Warranty Part # 912-00000-14
Sulfur Dioxide	P100 SO2 with 2 Year Warranty Part # 912-00000-15
Sulfur Dioxide	P100 SO2 with 4 Year Warranty Part # 912-00000-16

## SENSIT® P100 Manual Calibration Kits

Sensit P100 CO Calibration Kit (34 liter 100ppm CO) Part # 881-00051
Sensit P100 H2S Calibration Kit (34 liter 25ppm H2S) Part # 881-00052
Sensit P100 HCN Calibration Kit (34 liter 10ppm HCN) Part # 881-00057
Sensit P100 Nitrogen Dioxide Calibration Kit (10ppm) Part # 881-00055
Sensit P100 Sulfur Dioxide Calibration Kit (10ppm) Part # 881-00056

## Replacement Cylinders

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 10ppm Nitrogen Dioxide/bal N2 Part # 315-100005
34 liter 10ppm Sulfur Dioxide/bal Air Part # 315-100002

Contact SENSIT for additional options and information.



851 Transport Drive  
Valparaiso, IN 46383-8432

Phone: 888 4SENSIT  
888 473 6748  
219 465 2700

Fax: 219 465 2701  
[www.gasleaksensors.com](http://www.gasleaksensors.com)

MADE IN USA

SENSIT Technologies  
is in compliance with ISO 9001:2008



Distributed by:

