

SENSIT[®] P100
PERSONAL MONITOR



SENSIT[®] P100 will alert workers
of dangerous levels of toxic gases or oxygen

MADE IN USA



Innovative Detection Solutions

www.gasleaksensors.com

SENSIT[®] P100

PERSONAL SINGLE GAS MONITOR

Protect yourself from hazardous gases!

SENSIT[®] 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 (H₂S)
Hydrogen Cyanide (HCN)
Oxygen (O₂)
Carbon Monoxide (CO)
Chlorine (Cl₂)
Nitrogen Dioxide (NO₂)
Sulfur Dioxide (SO₂)

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.



TO OPERATE:

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

Patented

SENSOR SPECIFICATIONS

TYPE	RESOLUTION	RANGE
O ₂	0.1%	25%
CO	1ppm	0-999* (See Extended Display Option, Next Column)
H ₂ S	1ppm	0-100
HCN	0.1ppm	0-30
Cl ₂	0.1ppm	0-20
NO ₂	0.1ppm	0-20
SO ₂	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_{amb} to ≤ 50°C)
AEx ia IIC T4 (-20°C ≤ T_{amb} 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.



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MADE IN USA

SENSIT Technologies
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