

SENSIT[®] P100
PERSONAL MONITOR



SENSIT[®] P100
Single Gas Monitors
will alert workers of dangerous
levels of toxic gases or oxygen.

MADE IN USA

sales@GlobalTestSupply.com



Innovative Detection Solutions

SENSIT-Direct.com

1.888.610.7664

SENSIT[®] P100

Single gas personal monitor designed to warn the user of hazardous gases in their working environment.

SENSIT[®] P100 is an exceptionally rugged personal gas monitor available in single gas configurations

SENSIT[®] P100 raises the bar in durability. The housing is constructed of durable ABS plastic and shock absorbing material to protect the instrument from the rigors of field use. The instrument is sealed to maintain the integrity of the IP65 rating.

SENSIT[®] P100 offers a very simple two button operation for power, zeroing and performing calibration. Multiple LED's beneath the frosted area create a very bright warning even in bright sunlight.

Calibration is easy to complete manually or with the SCAL-100 calibration station.

SENSIT[®] P100 is

- Accurate
- Durable
- Easy to Use
- Easy to Maintain
- Made in USA



Available Sensors

- Hydrogen Sulfide (H2S)
- Hydrogen Cyanide (HCN)
- Oxygen (O2)
- Carbon Monoxide (CO)
- Nitrogen Dioxide (NO2)
- Sulfur Dioxide (SO2)

Standard Features

- Intrinsically Safe Design (Certified)
- One Button Operation
- Audible Alarm
- Visual Alarm
- Vibration Alarm
- STEL and TWA Alarms
- Alarm Event Memory
- Easy Field Calibration
- 2-Year Operation
- Refurbish Program Available After 2-years Of Operation
- Limited 2-Year Warranty (Including Sensor)
- Extended Warranty Available
- For use with SCAL-100 Test Stations



TO OPERATE:

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

Patented



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

SENSOR SPECIFICATIONS

| TYPE | RESOLUTION | RANGE |
|-------------------|------------|--------|
| O ₂ | 0.1% | 25% |
| CO* | 1ppm | 0-999* |
| H ₂ S | 1ppm | 0-100 |
| H ₂ CN | 0.1ppm | 0-30 |
| NO ₂ | 0.1ppm | 0-20 |
| SO ₂ | 0.1ppm | 0-20 |

***CO Extended Display Option:**

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

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

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 |

Approvals



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} ≤ 50°C)
AEx ia IIC T4 (-20°C ≤ T_{amb} ≤ 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

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|--|
| 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 # 881-00053 |
| 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 |



MADE IN USA

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Valparaiso, IN 46383-8432

SENSIT Technologies
is in compliance with ISO 9001:2008

