SENSIT® P100

SINGLE GAS PERSONAL MONITOR

H2S

0 ppm

SENSIT® P100

Intrinsically Safe Design

One Button Operation

Easy Field Calibration

Audible, Visual & Vibration Alarms

O2 — SENSIT® P100

CO — SENSIT® P100

H2S — SENSIT® P100

HCN — SENSIT® P100

NO2 — SENSIT® P100

SO2 — SENSIT® P100

MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS

SENSIT Technologies

Innovative Detection Solutions

www.gasleaksensors.com

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.
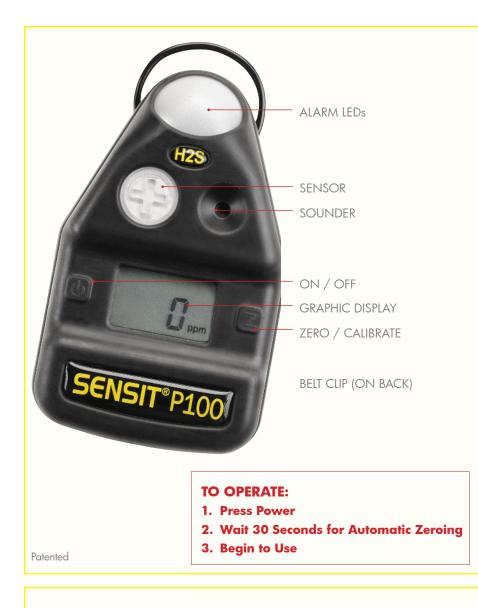
SENSIT® P100 is
- Accurate
- Durable
- Easy to Use
- Easy to Maintain

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

ALARM LEDs

H2S

SENSOR

SOUNDER

ON / OFF

0 ppm

GRAPHIC DISPLAY

ZERO / CALIBRATE

BELT CLIP (ON BACK)

SENSIT® P100

Patented

TO OPERATE:

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

STANDARD KIT

Belt Clip
Instruction Manual

KIT OPTIONS

Bump Test Station
Calibration Kit

OPTIONAL FEATURES

"Always On" Mode
Infrared Communication

*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
O2	0.1%	25%
CO*	1ppm	0-999*
H2S	1ppm	0-100
HCN	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

MET®
c   us

LISTING NO: E112902

complies with
UL 913
CSA 22.2 NO. 157

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

CE 2812 ⟨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 # 881-00053

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

Contact SENSIT for additional options and information.

SENSIT Technologies

MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS

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SENSIT Technologies
is an ISO 9001:2015 certified company.

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UKAS MANAGEMENT SYSTEMS

ANAB ACCREDITED
MANAGEMENT SYSTEMS
CERTIFICATION BODY

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