







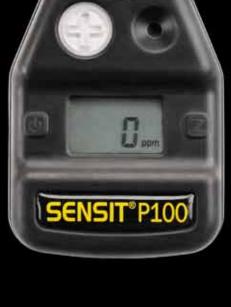






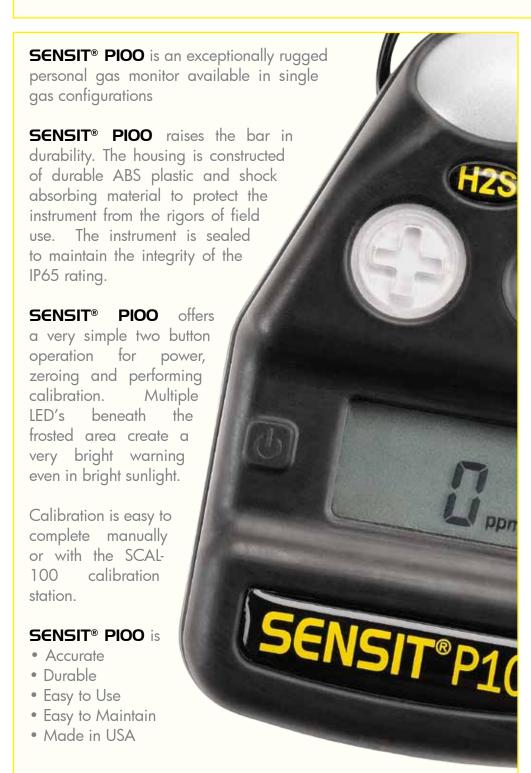
### SENSIT® PIOO

Single Gas Monitors will alert workers of dangerous levels of toxic gases or oxygen.



# SENS TR PIOO

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



#### **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

# SENSOR SPECIFICATIONS TYPE RESOLUTION RANGE

1176	KESOLUTION	KANGE	
O2	0.1%	25%	*CO Extended Display Option:
CO*	1ppm	0-999*	Detection Range: Oppm2% Volume (2000ppm equivalent)  Resolution: 1 ppm for 0 - 999ppm 01% Volume for 1000ppm - 2000ppm
H2S	1ppm	0-100	
HCN	0.1ppm	0-30	
NO <sub>2</sub>	0.1ppm	0-20	
SO <sub>2</sub>	0.1ppm	0-20	

#### **PRODUCT SPECIFICATIONS**

Size:  $3.81'' \times 2.31'' \times 0.8'' (9.67 \times 5.87 \times 2 \text{ cm})$ 

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



#### STANDARD KIT

#### KIT OPTIONS

Belt Clip Instruction Manual 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: Oppm - .2% Volume (2000ppm equivalent)

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

3-Year Operation

#### **Approvals**



complies with UL 913
CSA 22.2 NO. 157

LISTING NO: E112902

Class 1, Groups A, B, C, & D

Ex ia

Temp code: T4

## 

Ex ia IIC T4 (-20°C  $\leq$  T<sub>amb</sub> to  $\leq$  50°C)

AEx ia IIC T4 (-20°C  $\leq$   $T_{amb}$  to  $\leq$  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

P100 CO with 2 Year Warranty Carbon Monoxide

Part # 912-00000-03

P100 CO with 3 Year Warranty Carbon Monoxide

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

P100 H2S with 3 Year Warranty Hydrogen Sulfide

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

P100 O2 with 2 Year Warranty Oxygen

Part # 912-00000-13

P100 O2 with 4 Year Warranty Oxygen

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.



**MADE IN USA** 

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SENSIT Technologies

is in compliance with ISO 9001:2008













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