



**SENSIT<sup>®</sup> PMD**  
PORTABLE METHANE DETECTOR



**SENSIT<sup>®</sup> PMD**  
performs gas leak surveys faster and with greater accuracy!

MADE IN USA

FIND IT with **SENSIT**  
Technologies  
[www.gasleaksensors.com](http://www.gasleaksensors.com)

# SENSIT<sup>®</sup> PMD

## PORTABLE METHANE DETECTOR

Using the latest FILTERED INFRARED SPECTROSCOPY technology, the **SENSIT<sup>®</sup> PMD** allows users to perform gas leak surveys fast, accurately and at the lowest operation cost.

### FEATURES AND BENEFITS

Methane selective - the PMD filters out other gases in PPM range.  
Powerful pump provides fast sensing.  
High sensitivity of 1 PPM detects leaks faster.  
Detection range of 0-100% volume for faster leak classification.  
Walking or vehicle operation allows for greater user flexibility.  
Intrinsically safe - the PMD can be used indoors or outdoors.  
Simple calibration compliance using Smart-Cal.

### PMD Standard Features

- Large display
- Powerful 1.5 Lpm pump
- Methane selective
- Adjustable PPM and LEL alarms
- Automatic backlit display
- Bar Hole Test
- Tick-Style leak detection
- Datalogging with event capture
- Easy connection for auxiliary pumps used in vehicle applications



### INDUSTRY USERS

Natural Gas Distribution Companies  
Natural Gas Transmission Companies  
Leak Survey Contractors  
Master-Meter Operators

### APPLICATIONS

Above Ground Leak Survey  
Below Ground Leak Pinpointing  
Vehicle Leak Surveys



**TO OPERATE:**

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

Patent Pending

**SENSOR SPECIFICATIONS**

TYPE	RESOLUTION	RANGE	ACCURACY
PPM*	1ppm	0-10,000	±10%
LEL	0.1%	0-100%	±10%
%VOL	0.1%	5-100%	±10%

\*PPM Optional

**PRODUCT SPECIFICATIONS**

Size:	10" x 4.1" x 5.5" (25.4 x 10.4 x 14 cm)
Weight:	6.1 lb. (2.6 kg)
Operational Temp:	-4 to 122° F (-20 to 54.4° C)
Power:	Lithium Ion rechargeable battery pack
Battery Life:	Approximately 7 hrs. Continuous



**STANDARD KIT**

- Telescopic Survey Boot
- Probe Rod
- Battery Charger
- Carrying Straps
- Instruction Manual
- Lithium Ion Rechargeable Battery Pack

**KIT OPTIONS**

- GPS
- Removable Memory
- Bluetooth Data Output
- Hard Carrying Case

**OPTIONAL FEATURES**

**Data Logging:**  
 Record Recalibration Time Data  
 Record Alarm  
 Record Peak Reading  
 Record Real-Time Readings  
 Record GPS Coordinates with Readings

**Infrared Communication:**  
 Print Records  
 Print Alarms  
 Communicate with Smart-Cal Calibration System

**Blue Tooth Communication:**  
 Stream Real-Time Data

**Removable Memory Card**  
 Storage of Data Logging

Intrinsic Safety: Pending US and ATEX Zone 2  
 Environmental Resistance: IP 54

## SENSIT PMD ACCESSORIES

Deluxe Hard Carrying Case  
Part # 872-00007

Filter Elements (10 Pack)  
Part # 873-00022

Probe Filter  
Part # 360-00064

Survey Probe  
Part # 883-00029

Calibration Kit  
Part # 881-00070

Bump Test Kit (50 PPM CH4)  
Part # 881-00071

### Bar Hole Probes

32" Fiberglass Probe  
Part # 883-00019

32" Heavy Duty Fiberglass Probe  
Part # 883-00021

30" Brass Probe  
Part # 883-00018

## PRODUCT / APPLICATION OPTIONS



### SENSIT® HXG-3

#### COMBUSTIBLE GAS LEAK DETECTOR

SENSIT® HXG-3 is an advanced state-of-the-art combustible gas leak detector capable of sensing many combustible gases such as methane, propane and natural gas.

#### HXG-3 Standard Features

- Displays LEL and PPM
- Infrared Downloading
- Long-life, Low-Cost Sensor
- Simple Calibration

The SENSIT® HXG-3 is also available with an optional internal pump.



### SENSIT® GOLD G2

#### GAS DETECTION INSTRUMENT

SENSIT® GOLD G2 is the most versatile and user-friendly SENSIT instrument available.

#### Displays Up To 4 Gases Simultaneously

- LEL (%Volume and PPM Optional)
- Oxygen
- Carbon Monoxide
- Hydrogen Sulfide
- Hydrogen Cyanide (Optionally)

For more information, visit [www.gasleaksensors.com](http://www.gasleaksensors.com)



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#### MADE IN USA

SENSIT Technologies  
is in compliance with ISO 9001:2008



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