



SENSIT[®] PMD
PORTABLE METHANE DETECTOR

SENSIT[®] PMD performs gas leak surveys faster and with greater accuracy!

MADE IN USA



SENSIT
Technologies

Innovative Detection Solutions

www.gasleaksensors.com

SENSIT[®] PMD

PORTABLE METHANE DETECTOR

Using the latest FILTERED INFRARED SPECTROSCOPY technology, the **SENSIT[®] 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

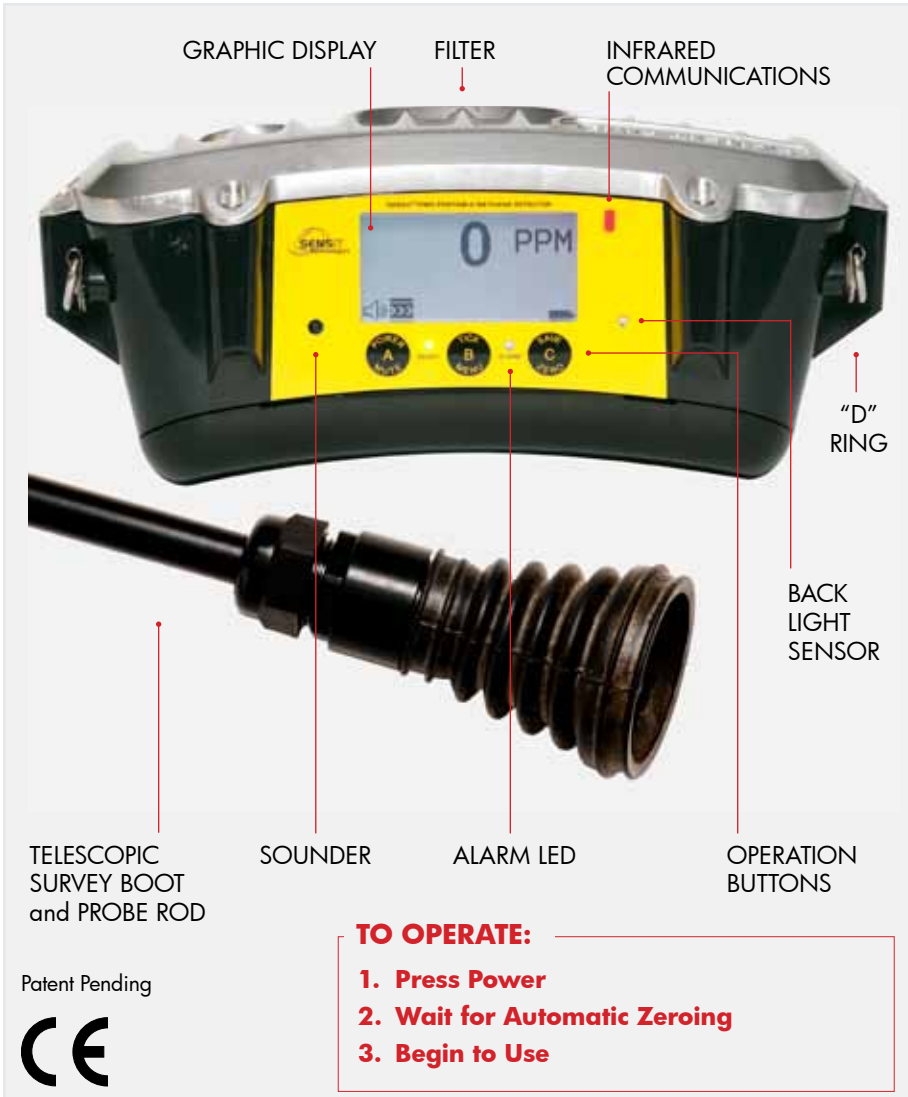


INDUSTRY USERS

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



Patent Pending



TO OPERATE:

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



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
- PMD Harness Kit

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

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: Designed to meet US and ATEX
Zone 2 Environmental Resistance: IP 54

SENSIT® PMD Instruments

SENSIT PMD	No GPS, No Datalogging Part # 921-00000-01
SENSIT PMD	With GPS and Datalogging Part # 921-00000-02

Included: Survey Probe, Recharge Kit, Battery Door Removal Tool, Instruction Manual, Shoulder Strap, Filter Element (10 pk), (1) Blue Filter

SENSIT® PMD Ship Kits

PMD Standard Kit	Shipping Box with Foam Part # 990-00000-13
PMD Deluxe Kit	Heavy Duty Carrying Case Part # 990-00000-12
PMD Compact Case Kit	Compact Carry Case Part # 990-00000-27

SENSIT® PMD Kit Replacement Parts

Delux Hard Carrying Case	Part # 872-00010
Compact Carrying Case	Part # 872-00013
Shipping Box and Foam	Part # 872-00017
Lithium Rechargeable Battery Pack	Part # 871-00017
US Wall Plug Adapter	Part # 871-00024
Int'l Wall Plug Adapter	Part # 871-00025
Telescopic Survey Probe	Part # 883-00029
PMD Hydrophobic Filter Disc 0.75" (10 Pack)	Part # 873-00024
Filter (Blue) for Probe (1 Filter)	Part # 360-00064
Shoulder (Carrying) Strap	Part # 360-00238
Battery Door Removal Tool	Part # 360-00249
Instruction Manual	Part # 750-00045

SENSIT® PMD Manual Calibration Kit

PMD Manual Calibration Kit
Part # 881-00070

Kit includes (1) 0.1% Methane 103 liter, (1) 2.5% Methane 103 Liter, (1) 100% Methane 116 Liter, (1) Regulator, (1) Cal Adapter

SENSIT® PMD Replacement Cylinders

0.1% Methane/Air 103 Liter
Part # 315-140006

2.5% Methane/Air 103 Liter
Part # 315-140002

100% Methane 116 Liter
Part # 315-220005

SENSIT® PMD Automated Calibration

SMART-CAL Auto Calibration Station Only
Part # 914-00000-01

Contact SENSIT to discuss calibration kit for Smart-Cal



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MADE IN USA

SENSIT Technologies
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