

SENSIT[®] PMD

PORTABLE METHANE DETECTOR



Methane Selective | GPS Data Logging with Event Capture | Walking or Vehicle Operation

MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS

SENSIT
Technologies

Innovative Detection Solutions

www.gasleaksensors.com

SENSIT[®] PMD

Performs Methane Gas Leak Surveys faster and with greater accuracy.

SENSIT[®] PMD is a small, lightweight, battery operated instrument used to survey, pinpoint and grade leaks wherever they occur.

SENSIT[®] PMD is among the best performing and lowest cost optical instruments that can be used for both walking and vehicle applications.

The **PMD** is methane selective and filters out other gases in PPM range. High sensitivity of 1 PPM detects leaks faster. Detection range of 0-100% volume allows for faster leak classification.

SENSIT[®] PMD is

- Accurate
- Durable
- Easy to Use
- Easy to Maintain



Find Gas Leaks Fast!



Standard Features

- Intrinsically Safe Design
- Large Display with Automatic Backlight
- Powerful 1.0Lpm Pump
- Methane Selective
- Filters Out Other Gases in PPM Range
- Adjustable PPM and LEL Alarms
- Bar Hole Test
- Tick-Style Leak Detection
- Datalogging with Event Capture
- Easy connection for auxiliary pumps used in vehicle applications
- SMART-Cal Compatible



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**

SENSOR SPECIFICATIONS

TYPE	RESOLUTION	RANGE	ACCURACY
PPM*	1ppm	0-5,000	±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 50° C)
Power:	Lithium Ion rechargeable battery pack
Battery Life:	Approximately 7 hrs. Continuous
Intrinsic Safety:	Designed to meet US and ATEX Zone 2 Environmental Resistance: IP 54



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

OPTIONAL FEATURES

Data Logging:

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

Infrared Communication:

- Communicate with Smart-Cal Calibration System
- Print Records & Alarms

Blue Tooth Communication:

- Stream Real-Time Data

Removable Memory Card

- Storage of Data Logging

Vehicle Mount Vacuum System



Vehicle Mount Vacuum + Optical Systems



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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SENSIT Technologies
is an ISO 9001:2015 certified company.



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