

SENSIT[®] PMD
PORTABLE METHANE DETECTOR



Conduct methane gas leak surveys faster and with greater accuracy!

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 in compliance with ISO 9001:2008



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