

SENSIT[®] PMD

PORTABLE METHANE DETECTOR



Conduct methane gas leak surveys faster and with greater accuracy!

MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS



Innovative Detection Solutions

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





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 Part # 871-00017
Battery Pack

US Wall Plug Adapter Part # 871-00024

Int'l Wall Plug Adapter Part # 871-00025

Telescopic Survey Probe Part # 883-00029

PMD Hydrophobic Filter Part # 873-00024
Disc 0.75" (10 Pack)

Filter (Blue) for Probe Part # 360-00064
(1 Filter)

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



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SENSIT Technologies
is an ISO 9001:2015 certified company.



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