SENSIT® PMD

PORTABLE METHANE DETECTOR

Conduct methane gas leak surveys faster and with greater accuracy!

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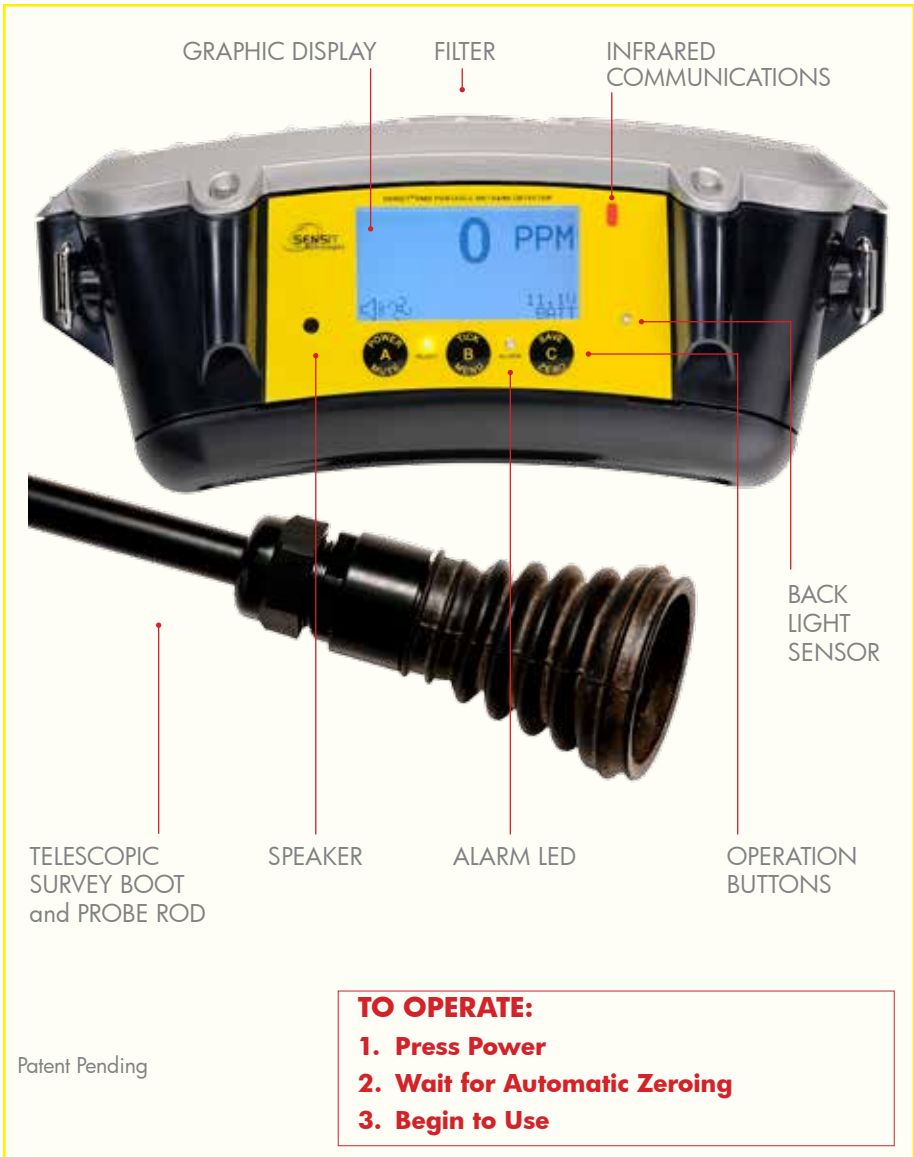
Standard Features
- Intrinsically Safe Design
- Large Display with Automatic Backlight
- Powerful 1.0Lpm Pump
- Methane Selective
- Filters Out Other Gases in PPM Range
- Adjustable PPM and LEL Alarms
- Bar Hole Test
- Tick-Style Leak Detection
- Datalogging with Event Capture
- Easy connection for auxiliary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

Applications
- Above Ground Leak Survey
- Below Ground Leak Pinpointing
- Vehicle Leak Surveys

GRAPHIC DISPLAY   FILTER   INFRARED COMMUNICATIONS

BACK LIGHT SENSOR

TELESCOPIC SURVEY BOOT and PROBE ROD

SPEAKER   ALARM LED   OPERATION BUTTONS

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

SENSIT Technologies

MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS

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SENSIT Technologies
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