

SENSIT[®] PMD2

PORTABLE METHANE DETECTOR

ADVANCED LASER
TDLAS TECHNOLOGY



COMPATIBLE WITH



SENSIT[®] PMD2

PORTABLE METHANE DETECTOR

FAST DETECTION. SEAMLESS DATA VISUALIZATION. WORKER AND COMMUNITY SAFETY.



The **SENSIT[®] PMD2** is a small, lightweight precision instrument used to survey, pinpoint, and grade methane leaks. With TDLAS technology, the **SENSIT[®] PMD2** is methane selective and perfect for walking or vehicle applications.

With on-board GPS, datalogging, mapping, and the best sensitivity in its class, the **SENSIT[®] PMD2** improves productivity without sacrificing safety or accuracy. Better leak surveys, with the data trail to back it up.

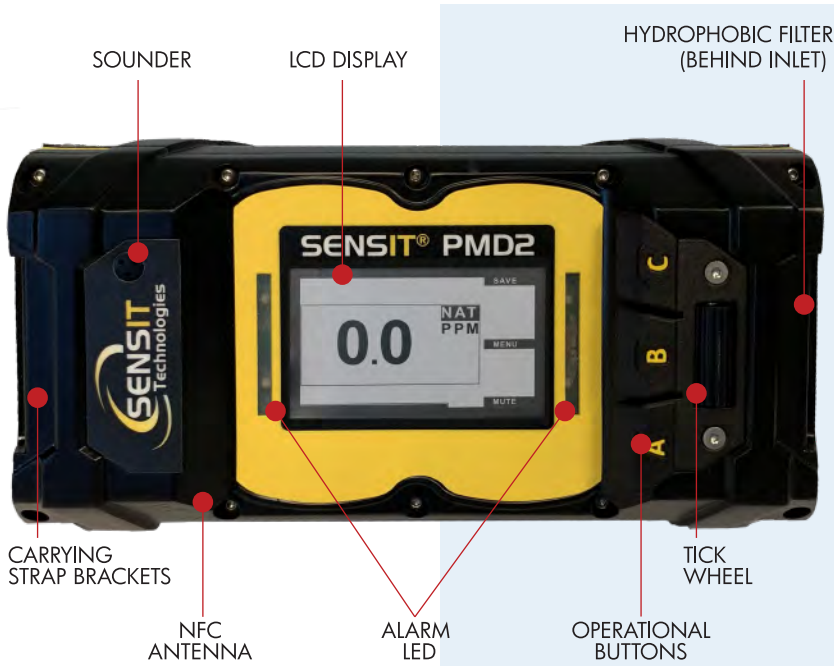


STANDARD FEATURES

Designed to meet UL, ATEX Hazardous Locations	SMART-CAL 360 Compatible (Automatic Calibration/Bump Testing)
Large Illuminated Display	SERVICE 360 Compatible (Firmware Updates)
Powerful 3 Speed Pump	SMART-LINK 360 Compatible (Download Logs)
Methane Selective	GIS 360 Compatible (Real-Time Mapping/Logging)
Adjustable PPM, LEL and %VOL Alarms	Rechargeable Li-ion Battery Pack
Bar Hole Test Mode	Rubberized Housings
Tick-Style Leak Detection	GPS, Pump, Battery, Data-Stream, Audible Alarms, Flow-Blocked & Bluetooth Status Indicators
Datalogging with Event Capture	Audible and Visual Alarms for Methane
Easy Connection to Auxiliary Pumps for use in Vehicle Applications	TDLAS Technology

APPLICATIONS

Above Ground Leak Survey
Below Ground Leak Pinpointing
Vehicle Leak Surveys
Grading Leaks
Methane Emission Monitoring
Landfill Methane Detection
Indoor Leak Pinpointing



TO OPERATE

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

Patent Pending

STANDARD KIT

- Telescopic Survey Probe
- Battery Charger with Wall Transformer and International Power Adapter
- Shoulder Strap
- Instruction Manual
- Li-ion Rechargeable Battery Pack
- Replacement Filters
- Compact Hard Carrying Case

KIT OPTIONS:

- GPS (3m Accuracy)
- BLE Data Stream
- Deluxe Hard Carrying Case (Provides Storage for Probes)
- Vehicle Charger
- Interchangeable Probe Kit
- Belt Strap

BLUETOOTH (BLE) COMMUNICATION:

- Stream Real-Time Data to Apps
- Communicate with **SMART-CAL 360**

DATA LOGGING:

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



SENSOR SPECIFICATIONS

TYPE	SENSITIVITY	RESOLUTION	RANGE	ACCURACY
PPM	1.0 PPM	0.1 PPM	0 – 50,000	±10% or 2 PPM*
LEL		0.1%	0 – 100%	±10%
%VOL		0.1%	5 – 100%	±10%

*whichever is greater

PRODUCT SPECIFICATIONS

Size:	8" x 4" x 3.5" (20.3 x 10.1 x 8.9 cm)
Weight:	3.1 lb. (1.4kg)
Operational Temp:	-4 To 122° F (-20 To 50 C°)
Storage Temp:	-4 To 140° F (-20 To 60 C°)
Storage/Operational Humidity:	0 To 90% Non-condensing
Power:	Lithium Ion Rechargeable Battery Pack
Battery Life:	Approximately 10 hrs. Continuous
Charging:	110-120/ 220-240 Vac 50-60hz 12 VDC
Intrinsic Safety:	Ex Ib IIB T4 II3G Zone 2 Environmental Resistance: IP54
Housing:	High Impact Abs/ Rubber Over Molded

SENSIT® PMD2 Instruments

SENSIT® PMD2 Manual calibration kits**

No GPS	Part # 921-00000-50	PMD2 Manual Calibration Kit	Part # 881-00070
GPS, Datalogging	Part # 921-00000-60	Kit Includes: (1) 0.1% Methane 103 Liter, (1) 2.5% Methane 103 Liter, (1) 100% Methane 116 Liter, (1) Cal Adapter, (1) Regulator	

**Contact SENSIT for calibration kits for Line Gas and Smart-Cal Stations.

SENSIT® PMD2 Ship kits

SENSIT® PMD2 Replacement cylinders

Deluxe (Heavy Duty Carrying Case)	Part # 990-00000-67	0.1% Methane/Air 103 Liter	Part # 315-140006
Compact Case Kit (Compact Carrying Case)	Part # 990-00000-66	2.5% Methane/Air 103 Liter	Part # 315-140002
		100% Methane 116 Liter	Part # 315-220005

SENSIT® PMD2 Kit Replacement Parts

SENSIT® PMD2 Automated Calibration

Deluxe Hard Carrying Case	Part # 872-00042	0.1% Methane/Air 103 Liter	Part # 315-140006
Compact Carrying Case	Part # 872-00040	2.5% Methane/Air 103 Liter	Part # 315-140002
Lithium Rechargeable Battery Pack	Part # 871-00087	100% Methane 116 Liter	Part # 315-220005
US Wall Plug Adapter	Part # 871-00094		
Int'l Wall Plug Adapter	Part # 871-00095		
Telescopic Survey Probe	Part # 883-00029		
PMD2 Hydrophobic Filter	Part # 360-00063		
(1) Filter (Blue) for Probe	Part # 360-00064		
Shoulder (Carrying) Strap	Part # 360-00703		
Battery Door Removal Tool	Part # 360-00726		
Instruction Manual	Part # 750-00092		



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MADE IN THE USA
WITH GLOBALLY SOURCED COMPONENTS

SENSIT Technologies
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