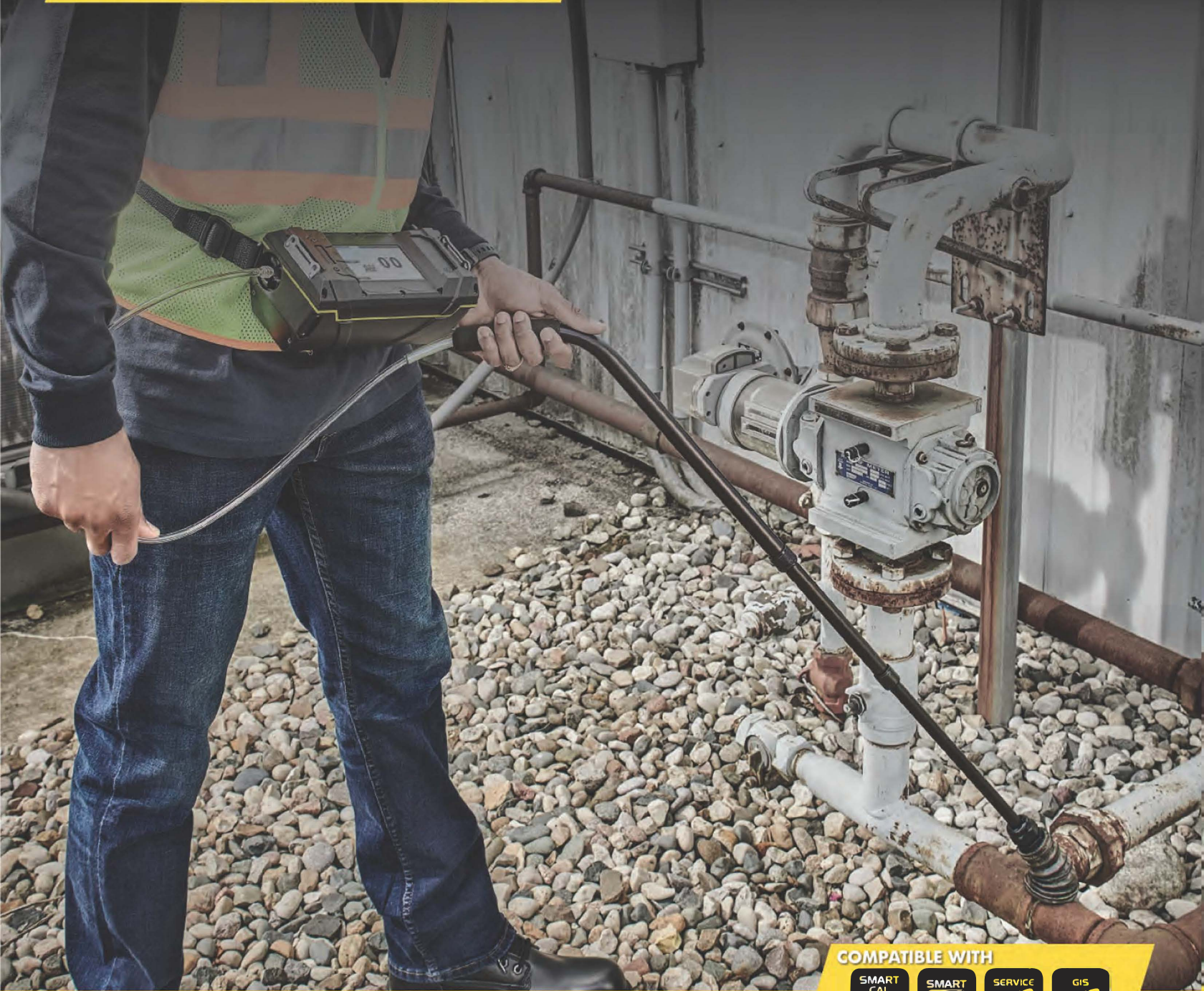


# SENSIT<sup>®</sup> PMD2

## PORTABLE METHANE DETECTOR

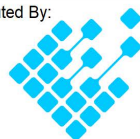
ADVANCED LASER  
TDLAS TECHNOLOGY



COMPATIBLE WITH



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# SENSIT<sup>®</sup> PMD2

## PORTABLE METHANE DETECTOR

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



The **SENSIT<sup>®</sup> PMD2** is a small, lightweight precision instrument used to survey, pinpoint, and grade methane leaks. With TDLAS technology, the **SENSIT<sup>®</sup> 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<sup>®</sup> PMD2** improves productivity without sacrificing safety or accuracy. Better leak surveys, with the data trail to back it up.

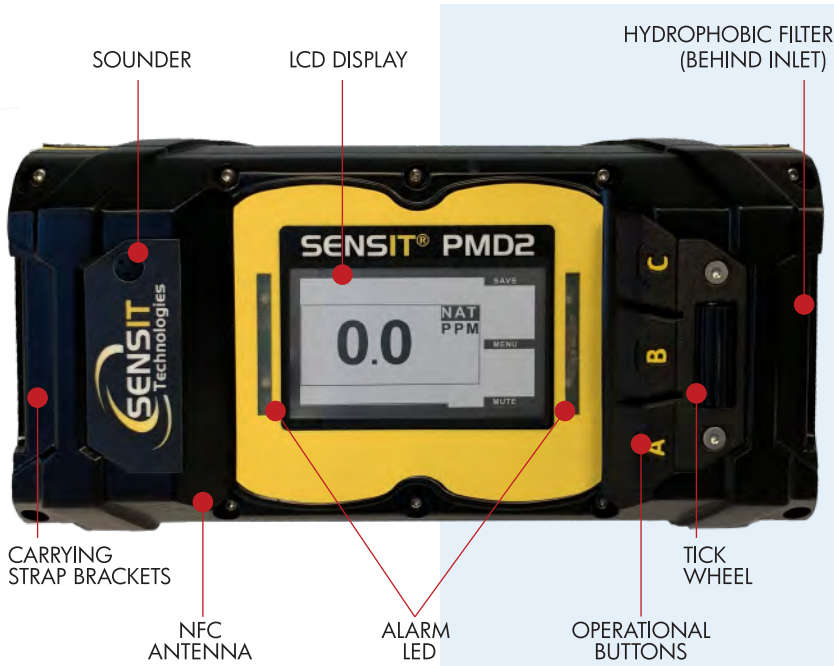


### STANDARD FEATURES

Designed to meet UL, ATEX Hazardous Locations	<b>SMART-CAL 360</b> Compatible (Automatic Calibration/Bump Testing)
Large Illuminated Display	<b>SERVICE 360</b> Compatible (Firmware Updates)
Powerful 3 Speed Pump	<b>SMART-LINK 360</b> Compatible (Download Logs)
Methane Selective	<b>GIS 360</b> 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

No GPS	Part # 921-00000-50
GPS, Datalogging	Part # 921-00000-60

## SENSIT® PMD2 Manual calibration kits\*\*

PMD2 Manual Calibration Kit	Part # 881-00070
<b>Kit Includes:</b> (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

Deluxe (Heavy Duty Carrying Case)	Part # 990-00000-67
Compact Case Kit (Compact Carrying Case)	Part # 990-00000-66

## SENSIT® PMD2 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® PMD2 Kit Replacement Parts

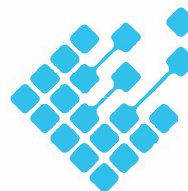
Deluxe Hard Carrying Case	Part # 872-00042
Compact Carrying Case	Part # 872-00040
Lithium Rechargeable Battery Pack	Part # 871-00087
US Wall Plug Adapter	Part # 871-00094
Int'l Wall Plug Adapter	Part # 871-00095
Telescopic Survey Probe	Part # 883-00029
PMD2 Hydrophobic Filter	Part # 360-00063
(1) Filter (Blue) for Probe	Part # 360-00064
Shoulder (Carrying) Strap	Part # 360-00703
Battery Door Removal Tool	Part # 360-00726
Instruction Manual	Part # 750-00092

## SENSIT® PMD2 Automated Calibration

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 Technologies  
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