Sensit® VMD
Vehicle Methane Detector

Methane Selective | 1.0-1,000 PPM/M Detection Range | Data Log with GPS Coordinates

Made in the USA with globally sourced components

Innovative Detection Solutions
www.gasleaksensors.com
SENSIT® VMD is a state-of-the-art vehicle mounted instrument used to detect, grade and map gas leaks along underground pipelines.

SENSIT® VMD is among the best performing and lowest cost optical instruments available today!

The instrument detects methane as low as 1ppm, per meter for real-time detection and logging with GPS data compatible with Google Earth.

Turn any vehicle with a front hitch into a survey instrument!

SENSIT® VMD is
• Accurate
• Durable
• Easy to Use
• Easy to Maintain

Find Gas Leaks Fast!

Standard Features
• Methane Selective
• Instantaneous response time
• No cables through vehicle firewall
• Data transmission via Bluetooth
• Simple user interface
• Waterproof tablet computer
• Adjustable visual and audible alarms
• Integrates with SENSIT PMD vacuum system
• Lowest cost of ownership

Displays:
• Gas Concentrations
• System Status
• GPS Location
• Detection Alarms

Other:
Simple 2 inch front mount hitch for fast set-up.

Any vehicle with front mount receiver and 12 VDC power outlet/connection can become a survey vehicle in minutes.

Variable length detector system can be fitted to any vehicle specification.
PRODUCT SPECIFICATIONS

Size: 4 ft. to 8 ft. path length (5 ft. Standard)
Weather Resistance: IP 54
Operational Temp: -22° C to 122° C
Power Requirement: 12-16 VDC / 60w

SENSOR SPECIFICATIONS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>RESOLUTION</th>
<th>RANGE</th>
<th>ACCURACY</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPM*</td>
<td>0.1 ppm</td>
<td>1.0-1000 PPM /Meter</td>
<td>±10% 2ppm-m</td>
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</tbody>
</table>

*Measurements conducted at 25 mph

STANDARD KIT

- 5 Ft. Survey Bar Assembly with Transmitter and Receiver
- Tablet PC
- Bluetooth Interface
- GPS Interface
- Calibration Cell
- Tablet PC
- Bluetooth Interface
- GPS Interface
- Calibration Cell

OPTIONAL FEATURES

- VMD Vehicle Mounting Kit
- VMD Shield
- PMD Vacuum Kit
- PMD Vacuum System

Ready for road and off-road surveys. Designed for easy installation and portability. Adjustable height for safe driving speeds.
**SENSIT® VMD Instrument**

**SENSIT VMD**
Part #928-00000-05

Included: 5 Ft. (Standard) Survey Bar Assembly with Transmitter and Receiver, Tablet PC, Tablet Mounting Kit, Bluetooth Interface, GPS Interface, Calibration Cell

**SENSIT VMD SYSTEM**
Part #928-00000-50

Included: Vehicle Mounting Kit, VMD Shield, 5 Ft. (Standard) Survey Bar Assembly with Transmitter and Receiver, Tablet PC, Tablet Mounting Kit, Bluetooth Interface, GPS Interface, Calibration Cell

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**SENSIT® VMD Parts**

5 Ft. Survey Bar Assembly  Part #882-00105

IR Transmitter Assembly  Part #882-00090

IR Receiver Assembly  Part #882-00084

Bluetooth Antenna for VMD IR Transmitter  Part #360-00446

VMD Tablet PC  Part #360-00395

Bluetooth Antenna for VMD Tablet  Part #360-00482

GPS Antenna for VMD Tablet PC  Part #360-00471

VMD Tablet PC Mount Kit  Part #870-00074

VMD Tablet PC Mount Base w/2” Ball & Clamps  Part #360-00473

VMD Tablet PC Mount Arm  Part #360-00474

VMD Tablet PC Mount Plate  Part #360-00475

VMD Calibration Cell  Part #882-00092-SN

VMD Shield  Part #870-00076

Instruction Manual  Part #750-00064

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**Survey Bar Lengths**

4 Ft. Survey Bar Assembly  Part #882-00104

5 Ft. Survey Bar Assembly  Part #882-00105

6 Ft. Survey Bar Assembly  Part #882-00106

7 Ft. Survey Bar Assembly  Part #882-00107

8 Ft. Survey Bar Assembly  Part #882-00108

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**Vehicle Mounting Kit**

VMD Vehicle Mounting Kit  Part #870-00052

Included: Bar Bracket, L Bracket, Jam Bolt, Hitch Pin, Hitch Stabilizer (For use with 2 inch front mount hitch, not included)

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**Mounting Kit Parts**

Bar Bracket  Part #360-00428

L Bracket  Part #360-00427

Jam Bolt  Part #360-00426

Hitch Pin  Part #330-00078

Hitch Stabilizer  Part #360-00429

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**PMD Vacuum Mounting Kit**

PMD Sampling Bar Assembly 2” Boots  Part #870-00059

Included: Bar, Cones, Tubing (For use with PMD. PMD, External Pump, Floor Mount Bracket not included)

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Vehicle Vacuum System  Part #870-00057

Included: Bar, Cones, Tubing, External Pump, Floor Mount Bracket (For use with PMD. PMD not included)

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