## PosiTector DPM Dew Point Meter

### Features

- **NEW** Larger 2.8” impact resistant color touchscreen with redesigned keypad for quick menu navigation
- Auto Log mode runs unattended on batteries for up to 50 hours or continuously via USB
- Enhanced Auto Log mode turns the gage off between readings for up to 8 months of battery life. Each reading can be uploaded to PosiSoft.net or an FTP server using WiFi. Automatically group readings into batches at daily, weekly, or monthly intervals.
- Two year warranty on body AND probe
- User defined limits for all parameters—visible and audible warnings. Send email alerts when connected to WiFi.
- Reading Storage Capacity
  - Standard: 2,500 datasets
  - Advanced: 250,000 datasets in up to 1,000 batches
- **NEW** Touchscreen keyboard for quickly renaming batches, adding notes, and more
- Store thickness, profile, environmental, salt contamination, hardness, and wall thickness measurements in individual batches
- Wet bulb temperature can be displayed and recorded
- Trend Charts graph readings in real-time

### Connection Options

- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates
- **Bluetooth 4.0 Technology** for data transfer to a mobile device running the PosiTector App or optional portable printer. BLE API available for integration into third-party software.

### Compare PosiTector Gage Bodies

<table>
<thead>
<tr>
<th>Features</th>
<th>Standard</th>
<th>Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW Larger 2.8” impact resistant color touchscreen with redesigned keypad for quick menu navigation</td>
<td></td>
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<td>Auto Log mode runs unattended on batteries for up to 50 hours or continuously via USB</td>
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<td></td>
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<td>Two year warranty on body AND probe</td>
<td>✓</td>
<td>✓</td>
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<td>User defined limits for all parameters—visible and audible warnings. Send email alerts when connected to WiFi.</td>
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<td>✓</td>
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<td>2,500 datasets</td>
<td>250,000 datasets in up to 1,000 batches</td>
</tr>
<tr>
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<td>✓</td>
<td></td>
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<tr>
<td>Store thickness, profile, environmental, salt contamination, hardness, and wall thickness measurements in individual batches</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Wet bulb temperature can be displayed and recorded</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Trend Charts graph readings in real-time</td>
<td></td>
<td>✓</td>
</tr>
</tbody>
</table>

### Probe Model DPM

| Surface Temperature | ✓ |
| Air Temperature | ✓ |
| Wet Bulb Temperature* | — |
| Relative Temperature | ✓ |
| Dew Point Temperature | ✓ |
| Surface Temperature minus Dew Point Temperature | ✓ |
| Wind Speed | — |

*Wet Bulb Temperature displayed/recorded on PosiTector Advanced (3) models only

PosiTector DPM IR Probe measures and records climatic conditions including: Relative humidity, air temperature, surface temperature, dew point temperature and difference between surface and dew point temperatures—plus an infrared surface temperature probe.

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Made in U.S.A.
**Simple**
- All readings are constantly updated and displayed simultaneously
- Alarms indicate when climate conditions are unsuitable for painting
- **NEW** Larger 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation
- **NEW** On-gage help explains menu items at the touch of a button

**Durable**
- **NEW** Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- **NEW** Ergonomic design with durable rubberized grip
- Shock-absorbing protective rubber holster for added impact resistance
- Two year warranty on gage body AND probe

**Accurate**
- Fast response precision sensors provide accurate, repeatable readings
- SmartTrend™ Indicators identify rising, falling or stable readings
- Certificate of Calibration included showing traceability to NIST (Long Form)
- Conforms to national and international standards including ISO and ASTM

**Versatile**
- Auto Log mode records environmental parameters at user selected time intervals
- **NEW** Auto rotating display with Flip Lock

**Powerful**
- Hold function freezes the display allowing measurements to be manually recorded
- **NEW** Instant-on feature quickly powers up the gage if recently powered down
- **NEW** Up to 30% longer battery life
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- Includes PosiSoft suite of software for viewing and reporting data

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### Order Code

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>✔️ DPMIR1</td>
<td>PosiTector Standard with DPM IR Probe</td>
</tr>
<tr>
<td>❌ DPMIR3</td>
<td>PosiTector Advanced with DPM IR Probe</td>
</tr>
</tbody>
</table>

### Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Range</th>
<th>Accuracy</th>
<th>Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Surface Temperature</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-40° to 80° C</td>
<td>± 0.5° C</td>
<td>0.1° C</td>
<td></td>
</tr>
<tr>
<td>80° to 190° C</td>
<td>± 1.5° C</td>
<td>0.1° C</td>
<td></td>
</tr>
<tr>
<td>-40° to 175° F</td>
<td>± 1° F</td>
<td>0.1° F</td>
<td></td>
</tr>
<tr>
<td>175° to 375° F</td>
<td>± 3° F</td>
<td>0.1° F</td>
<td></td>
</tr>
<tr>
<td><strong>Infrared Surface Temperature</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-70° to 380° C</td>
<td>± 1° C + (0.01° C/°C)**</td>
<td>0.1° C</td>
<td></td>
</tr>
<tr>
<td>-94° to 716° C</td>
<td>± 2° F + (0.01° F/°F)**</td>
<td>0.1° F</td>
<td></td>
</tr>
<tr>
<td><strong>Air Temperature</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-40° to 80° C</td>
<td>± 0.5° C</td>
<td>0.1° C</td>
<td></td>
</tr>
<tr>
<td>-40° to 175° F</td>
<td>± 1° F</td>
<td>0.1° F</td>
<td></td>
</tr>
<tr>
<td><strong>Humidity</strong></td>
<td>0 to 100%</td>
<td>± 3%</td>
<td>0.1%</td>
</tr>
<tr>
<td><strong>Dew Point</strong></td>
<td>-60° to 80°C</td>
<td>± 3° C†</td>
<td>0.1° C</td>
</tr>
<tr>
<td></td>
<td>-76° to 175°F</td>
<td>± 5.4° F†</td>
<td>0.1° F</td>
</tr>
</tbody>
</table>

* DPM IR models only  
** At = 23° C ambient  
† Dependent on RH. See [www.defelsko.com/TdAccuracy](http://www.defelsko.com/TdAccuracy) for more information.

### Award Winning Compatibility!
PosiTector body accepts all PosiTector DPM, 6000, 200, IRT, RTR, SPG, SST, SHD, BHI, and UTG probes easily converting from a coating thickness gage to a dew point meter, surface profile gage, soluble salt tester, hardness tester, or ultrasonic wall thickness gage.

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**Comes complete** with PosiTector gage body, DPM IR probe, environmental sensors, protective rubber holster, wrist strap, 3 AAA batteries, instructions, nylon carrying case with shoulder strap (DPM/DPMa/DPMaD), hard shell carrying case (DPMS), protective lens shield, Long Form Certificate of Calibration traceable to NIST, USB cable, two (2) year warranty.

**SIZE:** 127 x 66 x 25.4 mm (5" x 2.6" x 1")  
**WEIGHT:** 137 g (4.9 oz.) without batteries

**CONFORMS TO:** ISO 8502-4, BS 7079-84, ASTM D3276, IMO PSPC, SSPC-PAT7, and US Navy NSI 009-32

*Size and weight are for the PosiTector gage body only and do not include the probe.*
PosiSoft® Suite of Software

Powerful ways to view and report your PosiTector and PosiTest data

**PosiSoft Desktop — PC/Mac**

- Powerful desktop software for downloading, archiving, and reporting measurement data.
- Import readings directly from the gage via USB, WiFi, or legacy PosiSoft Desktop versions
- Jobs feature consolidates batches into groups to keep measurement data organized and to quickly create multi-batch reports
- Fully integrates with PosiSoft.net— backup and synchronize jobs, batches, readings, and report templates to the cloud (see inset at right)
- Export readings as .csv (comma separated value) files for easy import into Excel and other spreadsheets

**PosiTector App — iOS/Android**

- Fully-featured mobile app that connects to the PosiTector SmartLink, PosiTector Advanced gages, and the PosiTest AT-A.
- Auto pairing Bluetooth BLE connection
- Add images and notes to individual readings or batches directly from your device
- Email readings as .csv (comma separated value) files for easy import to Excel and other spreadsheets.
- Synchronize readings with PosiSoft.net—backup and synchronize jobs, batches, and readings to the cloud (see inset below)

**Mobile Reporting Solution**

- Compile single or multi-batch reports from multiple probes and instrument types
- Add pictures, screen captures, notes, and more
- Email pre-formatted or custom reports from your device instantly

**PosiSoft.net**

- Secure storage of measurement data in the cloud.
- compatible with PosiSoft Desktop and PosiTector App
- Upload measurement data directly from WiFi-connected PosiTector Advanced gages from anywhere in the world—no software required
- Synchronize and share measurement data across multiple computers

**Ideal for…**

- Users with multiple computers, instruments, and office locations
- Inspection companies managing data from multiple inspectors
- Login from PosiSoft Desktop to synchronize all measurement data and stored report templates from your account

**Prompted Batch Mode**

Create pre-defined batches with onscreen text and image prompts for each reading and upload to PosiTector 6000, 200, and UTG gages (Advanced models only).

- Ideal for ensuring a consistent measurement pattern for repetitive jobs or when specific measurement locations are required

**PosiSoft USB Drive — Gage based**

A simple gage interface to retrieve data in a manner similar to USB flash drives or cameras. No software to install or internet connection required. Measurement data can be printed quickly from a formatted HTML report or exported in .csv format for further analysis in spreadsheets.

**PosiTector Developer Resources**

- Bluetooth 4.0
- WiFi
- Keyboard Mode
- USB Serial

PosiTector and PosiTest AT-A instruments can integrate with third-party software, drones, ROVs, PLCs, and robotic devices using several industry-standard communication protocols including: Bluetooth 4.0, WiFi, Keyboard mode, and USB serial.

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