**PosiTector® DPM**

**Dew Point Meter**

<table>
<thead>
<tr>
<th>Description</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>PosiTector Standard with DPM Probe</td>
<td>DPM1</td>
</tr>
<tr>
<td>PosiTector Advanced with DPM Probe</td>
<td>DPM3</td>
</tr>
</tbody>
</table>

**Compare PosiTector Gage Bodies**

<table>
<thead>
<tr>
<th>Features</th>
<th>Standard</th>
<th>Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW</strong> Larger 2.8” impact resistant color touchscreen with redesigned keypad for quick menu navigation</td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>Auto Log mode runs unattended on batteries for up to 50 hours or continuously via USB</td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>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.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two year warranty on body AND probe</td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>User defined limits for all parameters—visible and audible warnings. Send email alerts when connected to WiFi.</td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>Reading Storage Capacity</td>
<td></td>
<td>2,500 datasets</td>
</tr>
<tr>
<td><strong>NEW</strong> Touchscreen keyboard for quickly renaming batches, adding notes, and more</td>
<td></td>
<td></td>
</tr>
<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>

**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.

**Removeable Integral Probe**

<table>
<thead>
<tr>
<th>Probe Model DPM</th>
<th>Surface Temperature</th>
<th>Air Temperature</th>
<th>Wet Bulb Temperature*</th>
<th>Relative Temperature</th>
<th>Dew Point Temperature</th>
<th>Surface Temperature minus Dew Point Temperature</th>
<th>Wind Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>DPM</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>

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

**DPM Probe measures and records climatic conditions including: Relative humidity, air temperature, surface temperature, dew point temperature, and difference between surface and dew point temperatures.**

**Ideal for surface preparation as required by ISO 8502-4.**
**Simple**
- All readings are constantly updated and displayed simultaneously
- No need to consult complex tables or use a slide rule calculator
- 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
- RESET feature instantly restores factory settings

**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 showing traceability to NIST included (Long Form)
- Conforms to national and international standards including ISO and ASTM

**Versatile**
- Auto Log mode records environmental parameters at user selected time intervals
- Celsius/Fahrenheit switchable
- Selectable display languages
- **NEW** Auto rotating display with Flip Lock

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**Powerful**
- Hold function freezes the display allowing measurements to be manually recorded
- Screen Capture—save 100 screen images for record keeping and review
- **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.
- Software updates via web keep your gage current
- Every stored measurement is date and time stamped
- Includes PosiSoft suite of software for viewing and reporting data (see page 3)

**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>–40° to 80° C</td>
<td>± 0.5° C</td>
<td>0.1° C</td>
</tr>
<tr>
<td></td>
<td>80° to 190° C</td>
<td>± 1.5° C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>–40° to 175° F</td>
<td>± 1° F</td>
<td>0.1° F</td>
</tr>
<tr>
<td></td>
<td>175° to 375° F</td>
<td>± 3° F</td>
<td></td>
</tr>
<tr>
<td><strong>Air Temperature</strong></td>
<td>–40° to 80° C</td>
<td>± 0.5° C</td>
<td>0.1° C</td>
</tr>
<tr>
<td></td>
<td>–40° to 175° F</td>
<td>± 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>

*Dependent on RH. See [www.defelsko.com/TdAccuracy](http://www.defelsko.com/TdAccuracy) for more information.

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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

**Professional, Custom Reports**

- Compile single or multi-batch reports from multiple probes and instrument types
- Add pictures, screen captures, notes, and more with an onscreen live preview
- Instantly create professional reports from pre-formatted report templates
- Design custom layouts and templates—add custom cover pages and logos, and choose to display charts, histograms, and/or individual readings
- Drag-and-drop Custom Fields mode—import PDF forms and overlay fields to automatically populate inspection data

**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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