## PosiTector 200
Coating Thickness Gage

### Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Standard</th>
<th>Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NEW</strong> Larger 2.8&quot; impact resistant color touchscreen with redesigned keypad for quick menu navigation</td>
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<tr>
<td>Measure total thickness of a coating system</td>
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<tr>
<td>Measure up to 3 individual layer thicknesses in a multi-layer coating system</td>
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<tr>
<td>Graphics mode with screen capture for detailed analysis of the coating system</td>
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<tr>
<td>Statistics Mode—Instantly calculate average, standard deviation, min/max, and number of readings while measuring</td>
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<tr>
<td>Two year warranty on body AND probe</td>
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<tr>
<td>Reading Storage Capacity</td>
<td>1,000 per probe</td>
<td>250,000 in up to 1,000 batches</td>
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<tr>
<td><strong>NEW</strong> Touchscreen keyboard for quickly renaming batches, adding notes, and more</td>
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</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 Cabled Probe

<table>
<thead>
<tr>
<th>Probe Model 200 B</th>
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</thead>
<tbody>
<tr>
<td><strong>Typical Applications:</strong> Polymer coatings on wood, plastic, etc.</td>
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<tr>
<td><strong>Measurement Range:</strong> 13 to 1,000 µm 0.5 to 40 mils</td>
</tr>
<tr>
<td><strong>Accuracy:</strong> ± (2 µm + 3% of reading) ± (0.1 mils + 3% of reading)</td>
</tr>
<tr>
<td><strong>Minimum Layer Thickness:</strong> 13 - 1,000 µm 0.5 - 40 mils</td>
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<tr>
<td><strong>Certified Thickness Standard:</strong> STD3 Visit <a href="http://www.defelsko.com/coating-thickness-standards">www.defelsko.com/coating-thickness-standards</a> for more details.</td>
</tr>
</tbody>
</table>

*Range limits apply to polymer based coatings only.
**For multiple layer applications only. Dependent on material to be tested.

200 B probe measures coating thickness over wood, plastic, and other non-metal substrates using ultrasonic technology.

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Made in U.S.A.
**Order Code | Description**

<table>
<thead>
<tr>
<th>200B1</th>
<th>PosiTector Standard with 200 B Probe</th>
</tr>
</thead>
<tbody>
<tr>
<td>200B3</td>
<td>PosiTector Advanced with 200 B Probe</td>
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</tbody>
</table>

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**All Gages Feature...**

- **Simple**
  - Ready to measure—no adjustment required for most applications
  - **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**
  - Responsive transducers provide fast, accurate readings
  - Certificate of Calibration showing traceability to NIST or PTB included
  - Proven non-destructive technique conforms to ASTM D6132 and ISO 2808

- **Versatile**
  - **NEW** Auto rotating display with Flip Lock
  - Selectable display languages
  - Mils/Microns switchable

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**Powerful**

- Continually displays/update average, standard deviation, min/max and number of readings while measuring
- Max Thick Mode displays the deepest ultrasonic echo eliminating the need to adjust the Lo Range—ideal for ignoring unwanted surface echoes
- **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
- PosiSoft USB Drive—stored readings and graphs can be accessed using universal PC/Mac web browsers or file explorers. No software required.
- Includes PosiSoft suite of software for viewing and reporting data (see page 3)

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**Easy-to-read graphic display provides clear, detailed analysis of coatings.**

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**Award Winning Compatibility!**

PosiTector body accepts all PosiTector 200, 6000, DPM, 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, 200 B probe, couplant (ultrasonic gel), precision plastic shims, protective rubber holster, wrist strap, 3 AAA alkaline batteries, instructions, protective lens shied, convenient carrying case, Long Form Certificate of Calibration traceable to NIST or PTB, USB cable, PosiSoft Software, 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:** ASTM D6132 and ISO 2808

*Size and weight are for the PosiTector gage body only and do not include the probe.*

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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.

**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 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**


- 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.

**PosiSoft.net Web Viewer**

- Review measurement data and print simple, pre-formatted PDF reports from any web browser—no software installation required.

**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.