PosiTector 200
Coating Thickness Gage

Order Code | Description
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☐ | 200B1 PosiTector Standard with 200 B Probe
☑ | 200B3 PosiTector Advanced with 200 B Probe

Features

<table>
<thead>
<tr>
<th></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>Measure total thickness of a coating system</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Measure up to 3 individual layer thicknesses in a multi-layer coating system</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Graphics mode with screen capture for detailed analysis of the coating system</td>
<td></td>
<td>●</td>
</tr>
<tr>
<td>Statistics Mode—Instantly calculate average, standard deviation, min/max, and number of readings while measuring</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Two year warranty on body AND probe</td>
<td>○</td>
<td>○</td>
</tr>
<tr>
<td>Reading Storage Capacity</td>
<td>1,000 per probe</td>
<td>250,000 in up to 1,000 batches</td>
</tr>
<tr>
<td><strong>NEW</strong> Touchscreen keyboard for quickly renaming batches, adding notes, and more</td>
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Connection Options

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<td>USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates</td>
<td></td>
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*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

Probe Model 200 B

| | 
|---|---|
| Typical Applications: | Polymer coatings on wood, plastic, etc. |
| *Measurement Range:* | 13 to 1,000 µm 0.5 to 40 mils |
| Accuracy: | ± (2 µm + 3% of reading) ± (0.1 mils + 3% of reading) |
| **Minimum Layer Thickness:** | 13 - 1,000 µm 0.5 - 40 mils |

*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.
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

**Powerful**
- Continually displays/updates 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)

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.

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

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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 shield, 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.*
Powerful ways to view and report your PosiTector and PosiTector data

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 into Excel and other spreadsheets.
- Synchronize readings with PosiTector.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

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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techsale@defelsko.com • www.defelsko.com

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.