# PosiTector 200
Coating Thickness Gage

## Compare PosiTector Gage Bodies

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

## 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.

## Probe Model 200 D

<table>
<thead>
<tr>
<th>Typical Applications:</th>
<th>Thick, soft coatings such as polyurea, asphaltic neoprene, very thick polymers, etc.</th>
</tr>
</thead>
</table>
| **Measurement Range:** | 50 to 7600 µm  
2 to 300 mils |
| Accuracy:             | ± (20 µm + 3% of reading)  
± (1 mil + 3% of reading) |
| **Minimum Individual Layer Thickness:** | 500 µm  
20 mils |

**Range limits apply to polymer based coatings only. 200 D probe polyurea range is 50 to 5000 µm (2 to 200 mils).**

*For multiple layer applications only. Dependent on material to be tested.

200 D probe measures coating thickness over concrete, fiberglass, and other non-metal substrates using ultrasonic technology.

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DeFelsko Corporation 800 Proctor Ave., Ogdensburg, New York 13669-2205 USA
Toll Free 1-800-448-3835 • Tel: +1-315-393-4450
techsale@defelsko.com • www.defelsko.com

Made in U.S.A.
### DeFelsko Inspection Instruments

#### 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
- **NEW** 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
- Miles/Microns switchable

### Power of...  

- 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.

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

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<thead>
<tr>
<th>Order Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>200D1</td>
<td>PosiTector Standard with 200 D Probe</td>
</tr>
<tr>
<td>200D3</td>
<td>PosiTector Advanced with 200 D Probe</td>
</tr>
</tbody>
</table>

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**Conforms to:** ASTM D6132 and ISO 2808

### Comes Complete

- PosiTector gage body, 200 D probe, couplant (ultrasonic gel), plastic shims or block, 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

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**Toll Free 1-800-448-3835** • Tel: +1-315-393-4450  
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Made in U.S.A.
**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 PosiTector 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.