PosiTector 200 Series

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
- 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
- NEW Auto rotating display with Flip Lock

Powerful
- Continuously 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.
- 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

Select from a variety of measurement ranges

<table>
<thead>
<tr>
<th>Probes</th>
<th>200B</th>
<th>200C</th>
<th>200D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Typical Applications</td>
<td>Polymer coatings on wood, plastic, etc.</td>
<td>Coatings on concrete, fiberglass, etc.</td>
<td>Thick, soft coatings such as polyurea, asphaltic neoprene, very thick polymers, etc.</td>
</tr>
<tr>
<td>Measurement Range*</td>
<td>13 – 1,000 µm 0.5 – 40 mils</td>
<td>50 – 3,800 µm 2 – 150 mils</td>
<td>50 – 7,600 µm 2 – 300 mils</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±(2 µm + ±3% of reading)</td>
<td>±(20 µm + ±3% of reading)</td>
<td>±(1 mil + ±3% of reading)</td>
</tr>
<tr>
<td>Minimum Layer Thickness*</td>
<td>13 µm 0.5 mils</td>
<td>50 µm 2 mils</td>
<td>500 µm 20 mils</td>
</tr>
</tbody>
</table>

* Range limits apply to polymer coatings. D probe—polyurea range is 50–6000 µm (2–200 mils).
* For multiple-layer applications only. Dependent on material being tested.

Select Standard or Advanced Features

Standard Models
- Includes ALL features as shown on left plus...
- Measure the total thickness of a coating system
- NEW Storage of 1,000 readings per probe—stored readings can be viewed or downloaded

Advanced Models
- Includes ALL features as shown on left plus...
- Measure the total thickness of a coating system or up to 3 individual layer thicknesses in a multi-layer system.
- Graphics mode with screen capture for detailed analysis of the coating system (see image below)
- NEW Storage of 250,000 readings from multiple probes in up to 1,000 batches and sub-batches
- Live graphing of measurement data
- NEW Touchscreen keyboard for quickly renaming batches, adding notes, and more
- 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.

For a complete comparison of the Standard and Advanced features visit www.defelsko.com/p200

Advanced Model shown in Graphics mode

Adjustable measuring range

Screen Capture

Each distinct layer interface appears as a peak

Individual layer thickness

Total thickness

All gages come complete with ultrasonic gel, precision plastic chims, protective rubber holster, wrist strap, 3 AAA alkaline batteries, instructions, nylon carrying case with shoulder strap, protective lens shield, Long Form Certificate of Calibration traceable to NIST or PTB, USB cable, PosiSoft Software, two year warranty.

*Size: 127 x 66 x 25.4 mm (5” x 2.6” x 1”)
*Weight: 137 g (4.9 oz.) without batteries

* Size and weight are for the PosiTector gage body only and do not include the probe. Conforms to ASTM D6132 and ISO 2808