

# PosiTector® 200 Series

**Coating Thickness  
Gages for measuring  
on Concrete, Wood,  
Plastic and more...**



**Advanced models  
measure up to 3  
layers with graphics**



# PosiTector® 200 Series

## All Gages Feature...

### Simple

- Ready to measure—no adjustment required to measure most coatings
- Enhanced one-handed menu navigation
- Flashing display—ideal in a noisy environment
- RESET feature instantly restores factory settings

### Durable

- Solvent, acid, oil, water and dust resistant—weatherproof
- Shock-absorbing, protective rubber holster with belt clip
- Two year warranty on gage body AND probe

### Accurate

- Certificate of Calibration showing traceability to NIST included
- Responsive transducers provide fast, accurate readings
- Proven non-destructive ultrasonic technique conforms to ASTM D6132 and ISO 2808

### Versatile

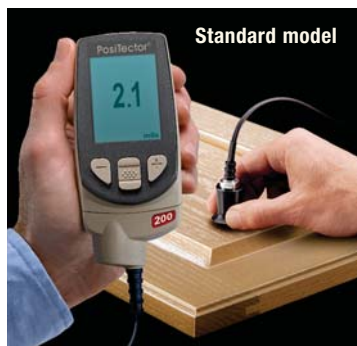
- PosiTector body universally accepts all PosiTector 200, 6000, SPG, DPM and UTG probes easily converting from a coating thickness gage to a surface profile gage, dew point meter or ultrasonic wall thickness gage
- Mills/Microns switchable
- Selectable display languages
- Hi Contrast backlit display for bright or dark environments
- Flip display enables right-side-up viewing
- Uses alkaline or rechargeable batteries (built-in charger)

### Powerful

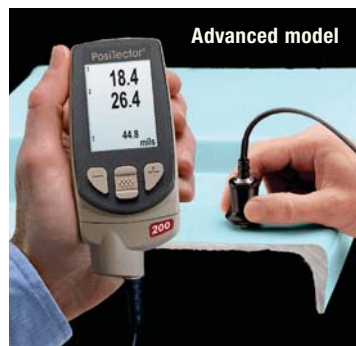
- Continually displays/updates average, standard deviation, min/max thickness and number of readings while measuring
- Screen Capture—record and save screen images into USB flash memory for record keeping and review.
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- PosiSoft USB Drive—stored readings and graphics can be accessed using universal PC/Mac web browsers or file explorers. No software required.
- Every stored measurement is date and time stamped
- Software updates via the internet keep your gage current
- Connects to PosiSoft.net (see far right panel)

### Select from a variety of measurement ranges

(see back page ordering guide)



**B Probe** for measuring polymer coatings on wood and plastic.



**C Probe** for measuring coatings on concrete, fiberglass, etc.

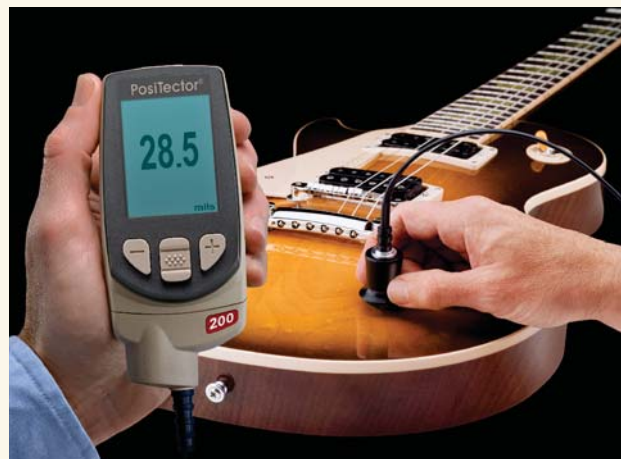
## Gage Selection...

### Select Standard or Advanced Features

#### Standard Models

**Includes ALL features as shown on left plus...**

- Monochrome display with transfective technology enhances sunlight readability
- Storage of 250 readings—stored readings can be viewed or downloaded

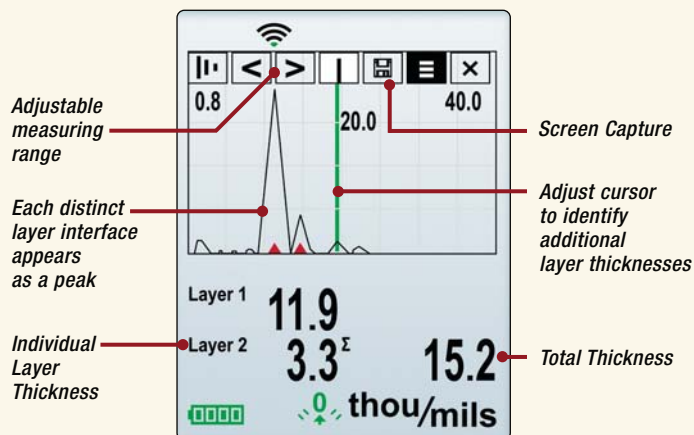


#### Advanced Models

**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. Also features graphic display for detailed analysis of the coating system
- Hi Contrast reversible color LCD
- Storage of 100,000 readings in up to 1,000 batches and sub-batches
- Onscreen help, real time graphing, picture prompting and more
- Batch annotation—add notes and change batch names with onscreen QWERTY keyboard
- WiFi technology wirelessly synchronizes with PosiSoft.net, downloads software updates, and connects with mobile devices for expanded functionality
- Data transfer via USB to a PC or via Bluetooth® Wireless Technology to a PC or printer
- Graphics mode with Screen Capture

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



Advanced model shown in Graphics mode

## Rugged Features...

Sealed USB Port  
for communicating  
with a PC or Mac

Water and dust resistant—  
weatherproof

Hi resolution color LCD

Chart multiple layers

Scratch/solvent/impact  
resistant lens

Advanced model shown  
in Memory mode

Multi-function  
navigation button

Solvent, acid, oil  
resistant, hi-grade,  
industrial strength housing

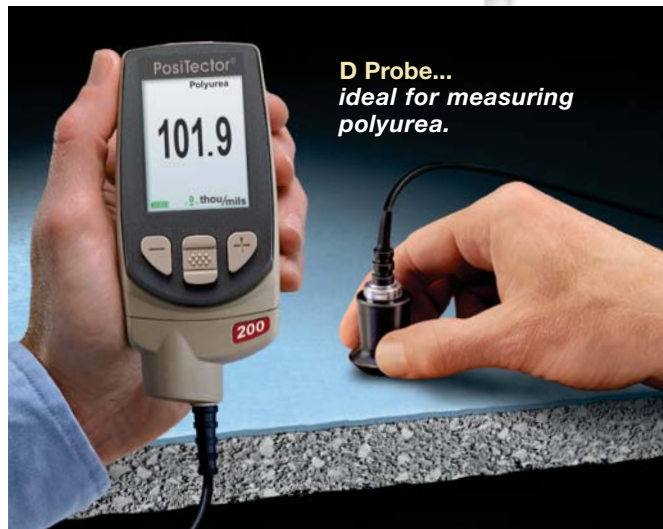
Shock-absorbing, protective  
rubber holster with belt clip  
and wrist strap

**WEATHERPROOF**

Quality high-flex cable and strain relief

Comfortable, ergonomic finger grip  
reduces operator fatigue

Plastic-tipped  
probe will not  
scratch surface



**D Probe...  
ideal for measuring  
polyurea.**

## PosiSoft® ... **FREE SOLUTIONS** for viewing, analyzing and reporting data:

**PosiSoft USB Drive** Connect to a PC/Mac using the  
supplied USB cable to access and print stored  
readings, graphs, photos, notes and screen  
captures. No software or internet connection required.



**PosiSoft.net** A web-based application offering secure  
centralized management of PosiTector readings.  
Access your data from any web-connected device.



**PosiSoft Software** Desktop Software  
for downloading, viewing and printing your  
measurement data.



**PosiSoft Mobile** Access readings, graphs, capture photos  
and update annotations using WiFi enabled devices,  
such as tablets, smart phones and computers.  
(Advanced models only)

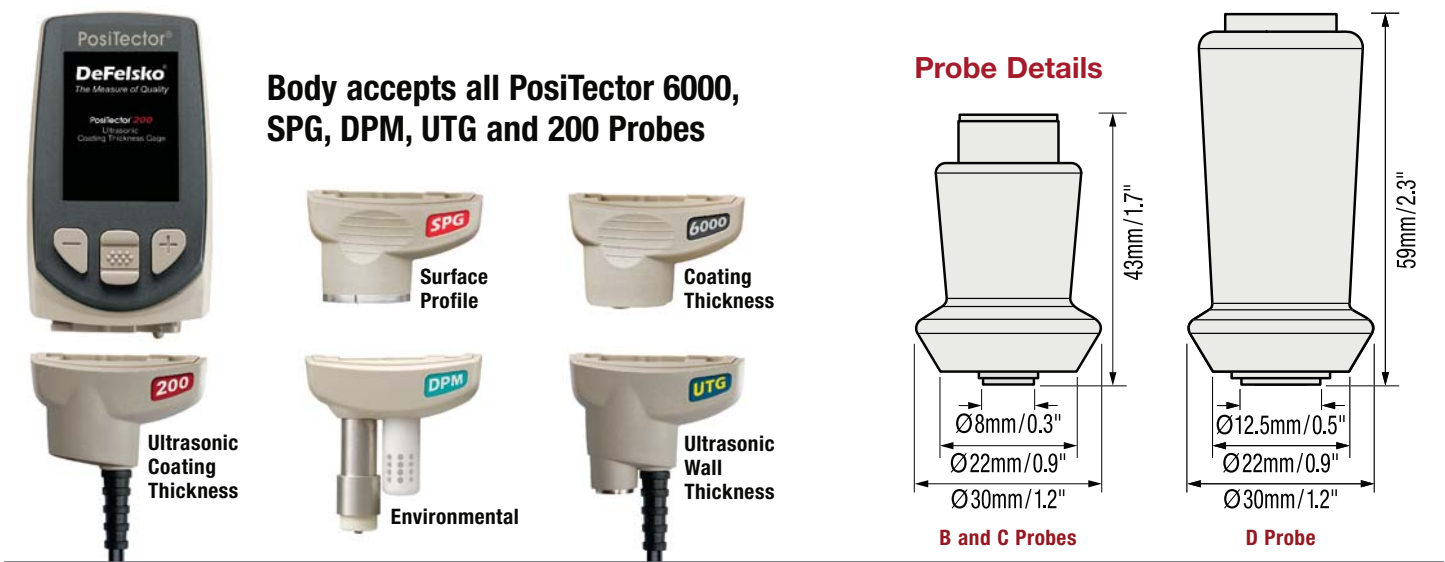


Available on the  
**App Store**

## Ordering Guide

| PosiTector 200 Model                 | B/Std  | B/Adv                 | C/Std                                  | C/Adv                | D/Std  | D/Adv                  |
|--------------------------------------|--|-----------------------|--|----------------------|--|------------------------|
| Measures Total Thickness             | X  | X                     | X                                      | X                    | X  | X                      |
| Measures Individual Layers           |  | X                     |  | X                    |  | X                      |
| Graphic Display                      |  | X                     |  | X                    |  | X                      |
| Typical Applications                 | Polymer coatings on wood, plastic, etc.                      |                       | Coatings on concrete, fiberglass, etc. |                      | Thick, soft coatings such as polyurea, asphaltic neoprene, very thick polymers, etc. |                        |
| Range*                               | 13 – 1000 microns<br>0.5 – 40 mils                           |                       | 50 – 3800 microns<br>2 – 150 mils      |                      | 50 – 7600 microns<br>2 – 300 mils  |                        |
| Accuracy                             | ± (2 microns + 3% of reading)<br>± (0.1 mil + 3% of reading) |                       |  |                      | ± (20 microns + 3% of reading)<br>± (1 mil + 3% of reading)                          |                        |
| Minimum Individual Layer Thickness** |  | 13 microns<br>0.5 mil |  | 50 microns<br>2 mils |  | 500 microns<br>20 mils |
| Thickness Standard                   | DeFelsko STDA3   |                       | DeFelsko STDP6                         |                      | DeFelsko STDP1   |                        |

\*Range limits apply to polymer coatings. D Probe polyurea range is 50–5000 microns (2–200 mils). \*\*For multiple layer applications only. Dependent on material being measured.



**ALL GAGES COME COMPLETE** with body and probe, couplant (ultrasonic gel), precision plastic shims, protective rubber holster, belt clip, wrist strap, 3 AAA alkaline batteries, instructions, nylon carrying case with shoulder strap, protective lens shield, Long Form Certificate of Calibration traceable to NIST, USB cable, PosiSoft.net account, two (2) year warranty

**SIZE:** 135 x 61 x 28 mm (5.25" x 2.4" x 1.1")

**WEIGHT:** 140 g (4.9 oz.) without batteries



**Conforms to** ASTM D6132 and ISO 2808

### Accessories

**Bluetooth Printer** receives data from Advanced models



**Ultrasonic Gel**— additional 4 oz. bottles available (case of 12)

**Rechargeable Batteries**—set of enloop NiMH AAA batteries

**Coating Thickness Standards** to fulfill both ISO and in-house quality control requirements



**AC Power Kit** for continuous operation or battery charging—works in any country

**Protective Lens Shields** protect the display from overspray

**PosiSoft for Windows Analysis Software**—downloads stored readings to a PC (FREE)

For pricing or any further information, please contact Omni Instruments Ltd.