

# PosiTector® *200 Series*

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



*Advanced models  
measure up to 3  
layers with graphics*

**DeFelsko®**

*The Measure of Quality*

# 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 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 graphs 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, plastic, etc.



**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...**

- Measure the total thickness of a coating system
- Monochrome display with transfective technology enhances sunlight readability
- Storage of 250 readings—stored readings can be viewed or downloaded

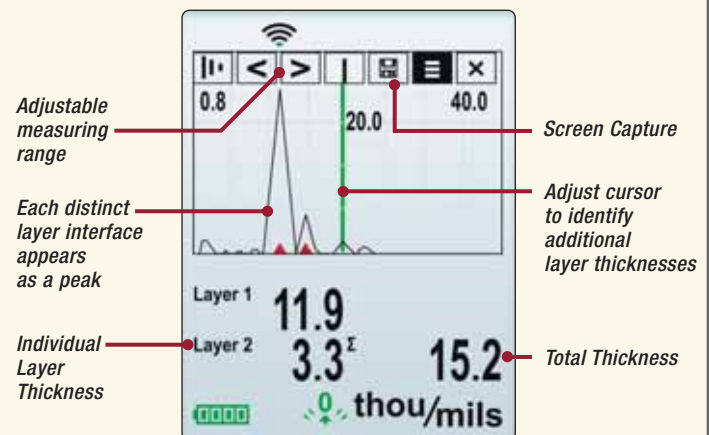


#### Advanced Models

**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
- 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

Plastic-tipped  
probe will not  
scratch surface



## 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)



# Ordering Guide

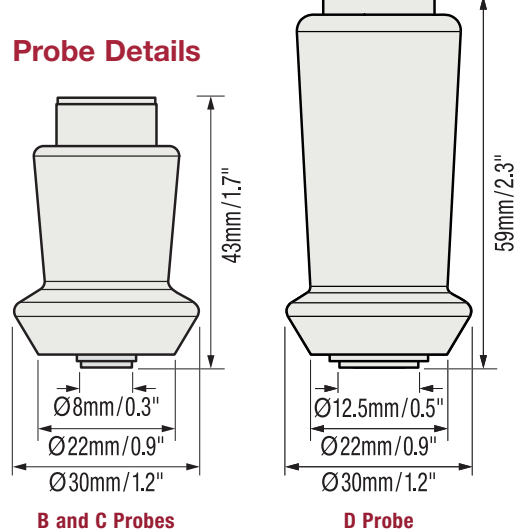
PosiTector 200 Model	B/Std	B/Adv	C/Std	C/Adv	D/Std	D/Adv
Measures Total Thickness	x	x	x	x	x	x
Measures Individual Layers		x		x		x
Graphic Display		x		x		x
Typical Applications	Polymer coatings on wood, plastic, etc.		Coatings on concrete, fiberglass, etc.		Thick, soft coatings such as polyurea, asphaltic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



**Body accepts all PosiTector 6000, SPG, DPM, UTG and 200 Probes**

### Probe Details



**B and C Probes:** 43mm / 1.7" height. Diameters: Ø8mm / 0.3", Ø22mm / 0.9", Ø30mm / 1.2".

**D Probe:** 59mm / 2.3" height. Diameters: Ø12.5mm / 0.5", Ø22mm / 0.9", Ø30mm / 1.2".

**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 eneloop 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)



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