

# PosiTector® 200 Series

**NEW**

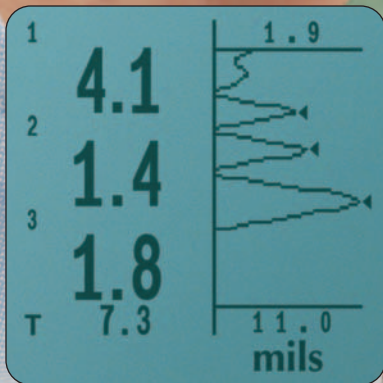
**Coating Thickness  
Gages for Measuring  
on Wood, Concrete,  
Plastic and more...**



*Standard Model*



*Advanced  
Model  
measures  
up to 3  
layers with  
graphics*



**DeFelsko®**

*The Measure of Quality*

# PosiTector® 200 Series

**Non-destructively measures a wide variety of applications using proven ultrasound technology. Measures the thickness of coatings over concrete, wood, composite materials and more.**

## All Gages Feature...

### Simple

- Ready to measure – no adjustment required to measure most coatings
- One-handed menu navigation
- Bi-color indicator light – ideal in a noisy environment
- RESET feature instantly restores factory settings

### Durable

- Solvent, acid, oil, water and dust resistant – meets or exceeds IP5X
- Scratch/Solvent resistant display suitable for harsh environments
- Shock-absorbing, protective rubber holster with belt clip
- Two year warranty on both gage body and probe

### Accurate

- Responsive transducers provide fast, accurate readings (up to 40 readings/minute)
- Proven non-destructive ultrasonic technique conforms to ASTM D6132 and ISO 2808
- Certificate of Calibration showing traceability to NIST included

### Versatile

- Continually displays/updates average, standard deviation, and number of readings while measuring
- Internal memory stores up to 10,000 readings in up to 1000 batches
- Built-in clock to date and time stamp each stored measurement
- USB, IR and serial output options for simple communication with printers and PCs
- Backlit display for dim or dark environments
- Mils/Microns switchable
- Selectable display languages

## Select Standard or Advanced

**Standard models** measure the total thickness of a coating system.

**Advanced models** measure total thickness of a coating system or up to 3 individual layer thicknesses in a multi-layer system. Also features graphic readout for detailed analysis of the coating system.

## Advanced Model Graphic Display

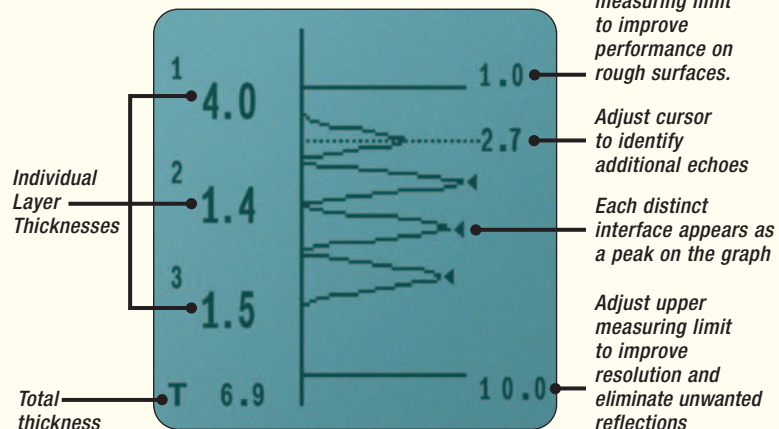


*Advanced models toggle between graphic readout and statistical data displays.*



**Standard model** measuring total coating thickness on wood

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



## Tough **NEW** Features

- USB/Serial/IR Ports for downloading to a PC, printer or data collector

- Solvent, acid, oil, water and dust resistant—meets or exceeds IP5X

- Scratch and solvent resistant lens

**Standard model shown in Memory Mode**

- Thick impact-resistant Lexan® display

- Bi-color indicator light

- Hi-grade, industrial strength housing

- Shock-absorbing, protective rubber holster

- Quality high-flex cable and strain relief

- Comfortable ergonomic finger grip reduces operator fatigue

- Plastic-tipped probe will not scratch surface



## Easily measure single or multiple layer coating thickness on a variety of substrates.



Measure paint, varnish, lacquer, etc. on wood products including cabinetry, furniture, flooring, windows and more.



Measure thick protective coatings on concrete flooring, pipes, containment structures and more.

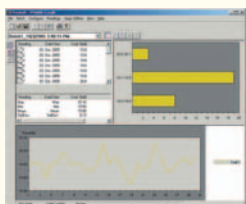


**Advanced model**

Measure protective finish topcoats over epoxy resin – commonly found in automotive, marine and aviation applications.

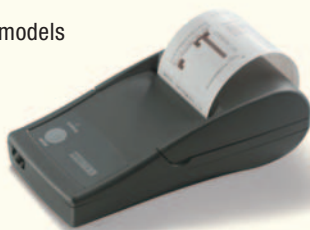
## Options

### PosiSoft® for Windows® analysis software



- Allows entry of notes and annotations
- Prints and displays basic charts and histograms
- Exports to a document or spreadsheet
- Includes USB cable
- Free updates

**IR Printer** receives data from all models via wireless infrared.



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

**AC Power Cable** for continuous operation.

**Serial Output Cable** to connect to a data collector.

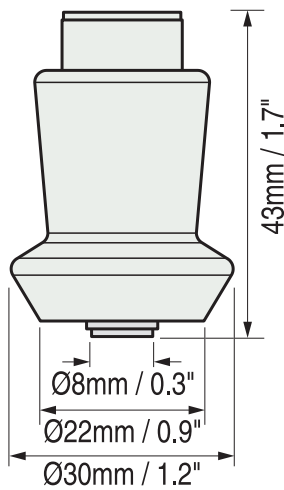
Visit [www.defelsko.com/applications.htm](http://www.defelsko.com/applications.htm) to view **Coating Inspection Application Notes.**

## SPECIFICATIONS

PosiTector <sup>®</sup> 200 Model	B/Std	B/Adv	C/Std	C/Adv
Measures Total Thickness	✓	✓	✓	✓
Measures Individual Layers		✓		✓
Graphic Display		✓		✓
Typical Applications	Polymer coatings on wood, plastic, etc.		Thicker coatings on concrete, fiberglass, etc.	
Range*	13 – 1000 microns 0.5 – 40 mils		50 – 3800 microns 2 – 150 mils	
Accuracy	±(2 microns + 3% of reading) ±(0.1 mils + 3% of reading)			
Minimum Individual Layer Thickness**	_____	13 microns 0.5 mils	_____	50 microns 2 mils
Calibration Standard	DeFelsko CAL-A4		DeFelsko CAL-P6	

\*Range limits apply to polymer coatings only. \*\*For multiple layer applications only. Dependent on material being measured.

### Probe Details



**ALL GAGES COME COMPLETE** with probe, precision plastic shims, protective rubber holster with belt clip, couplant, 3 AAA batteries, instructions, nylon carrying case with shoulder strap, Certificate of Calibration traceable to NIST, two (2) year warranty.

**SIZE:** 146 x 64 x 31 mm  
(5.75" x 2.5" x 1.2")

**WEIGHT:** 165 g (5.8 oz.)  
without batteries

Conforms to ASTM D6132  
and ISO 2808



**DeFelsko**<sup>®</sup>  
*The Measure of Quality*

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