

PosiTector® *200 Series*

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

PosiTector®

2.1

mils

200



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

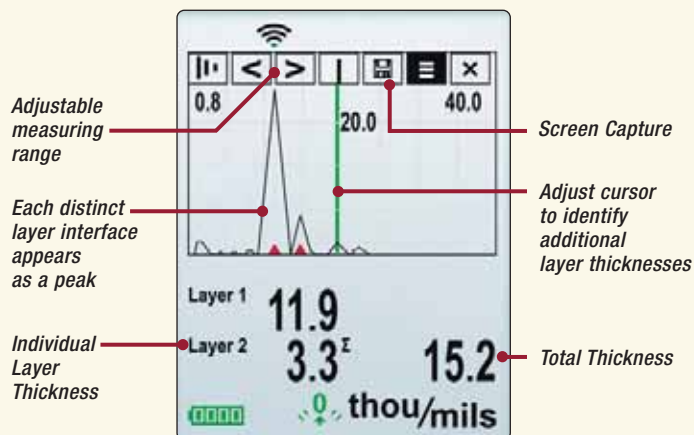


Advanced Models

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

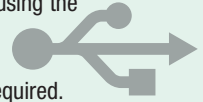
Plastic-tipped
probe will not
scratch surface



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 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




Surface Profile




Coating Thickness



Ultrasonic Coating Thickness

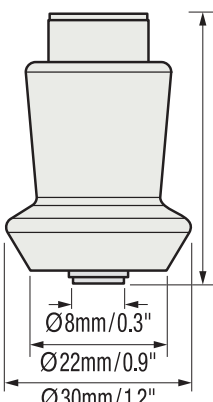


Environmental



Ultrasonic Wall Thickness

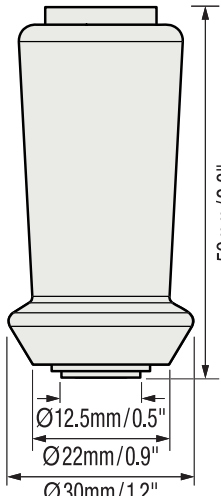
Probe Details



B and C Probes

43mm / 1.7"

Ø8mm / 0.3"
Ø22mm / 0.9"
Ø30mm / 1.2"



D Probe

59mm / 2.3"

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)

