


Order Code	Description
<input type="checkbox"/> 200B1	PosiTector Standard with 200 B Probe
<input checked="" type="checkbox"/> 200B3	PosiTector Advanced with 200 B Probe

## PosiTector<sup>200</sup>

Coating Thickness Gage

### Compare PosiTector Gage Bodies

Features	Standard	Advanced
Measure total thickness of a coating system	•	•
Measure up to 3 individual layer thicknesses in a multi-layer coating system		•
Graphics readout for detailed analysis of the coating system		•
Statistics Mode — Instantly calculate average, standard deviation, min/max thickness and number of readings while measuring	•	•
Two year warranty on body AND probe	•	•
Reading Storage Capacity	250 per probe	100,000 in up to 1,000 batches
Onscreen Batch Annotation — Add notes, change batch names and more with built-in QWERTY keyboard		•
Multiple stored calibration adjustments for measuring on a variety of substrate conditions		•
<b>Connection Options</b>		
Sealed USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.	•	•
 <b>Bluetooth 4.0 technology</b> for data transfer to a mobile device running the PosiTector App or optional portable printer. <b>BLE API</b> available for integration into third-party software.		•
WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates		•



Removeable Cabled Probe	Probe Model 200B	
	<b>Typical Applications:</b>	Polymer coating on wood, plastic, etc.
	<b>*Measurement Range:</b>	13 to 1000 $\mu$ m 0.5 to 40 mils
	<b>*Accuracy:</b>	$\pm (2 \mu\text{m} + 3\% \text{ of reading})$ $\pm (0.1 \text{ mil} + 3\% \text{ of reading})$
	<b>**Minimum Individual Layer Thickness:</b>	13 $\mu$ m 0.5 mil
	<b>Certified Thickness Standard</b>	STDA3 Visit <a href="http://www.defelsko.com/coating-thickness-standards">www.defelsko.com/coating-thickness-standards</a> for more details.
<p>*Range limits apply to polymer based coatings only.  **For multiple layer applications only. Dependent on material to be tested.</p>		

200B probe measures coating thickness over wood, plastic and other non-metal substrates using ultrasonic technology.

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### All Gages Feature...



#### Simple

- Ready to measure — no adjustment required for most applications
- 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 or PTB included (Long Form)
- Responsive transducers provide fast, accurate readings
- Proven non-destructive ultrasonic technique conforms to ASTM D6132 and ISO 2808



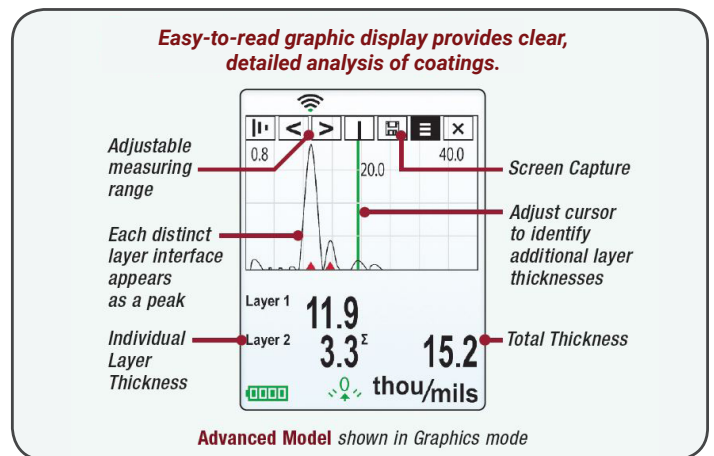
#### Versatile

- High Contrast LCD with backlit display
- Mils/Mircons switchable
- Selectable display languages
- Flip display enables right-side-up viewing
- Uses alkaline or rechargeable batteries (built-in charger)



#### Powerful

- Statistics mode continually displays/updates average, standard deviation, min/max thickness and number of readings while measuring
- Screen Capture — save screen images for record keeping and review
- Sealed USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- Software updates via web keep your gage current
- Every stored measurement is date and time stamped
- Software Solutions for viewing, analyzing & reporting data. See page 3 for a complete overview of these options.



**Comes complete** with PosiTector gage body, 200B probe, couplant (ultrasonic gel), precision plastic shims, protective rubber holster with belt clip, wrist strap, 3 AAA alkaline batteries, instructions, protective lens shield, convenient carrying case, Long Form Certificate of Calibration traceable to NIST or PTB, USB cable, PosiSoft Software, two (2) year warranty.

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

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

**CONFORMS TO:** ASTM D6132 and ISO 2808

# PosiSoft® Suite of Software

Four FREE and unique ways to view and report your PosiTector and PosiTest data

## PosiSoft Desktop — PC/Mac

Powerful desktop software for downloading, viewing, printing and storing measurement data. No internet connection required.

- Import readings directly from the gage via USB or from legacy PosiSoft desktop versions
- Synchronize measurement data including readings, notes and pictures to and from PosiSoft.net
- Import/Export Templates and Jobs to share with other users
- **NEW** Import PDF forms and overlay **Custom Fields** for automatic population of inspection and measurement data
- Report preview automatically refreshes as changes are made



## PosiSoft.net — Web-based

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

- Synchronize data when connected via USB or WiFi
- Synchronize measurement data including readings, notes and pictures with PosiSoft Desktop and PosiTector App
- Securely store measurement data in the cloud and share with authorized users via a secure login



*Jobs Batches Readings*

## PosiTector App — Mobile

Mobile app connects PosiTector Advanced instruments, the PosiTector SmartLink and the PosiTest AT-A to your *iOS* or *Android* smart device.

- Auto pairing Bluetooth BLE connection
- Automatically generate user-formatted reports and share via email, text, cloud storage services like Dropbox, and more
- Export readings to PosiSoft Desktop or synchronize readings to and from PosiSoft.net for further reporting and archival options



## PosiSoft Custom PDF Report Generator

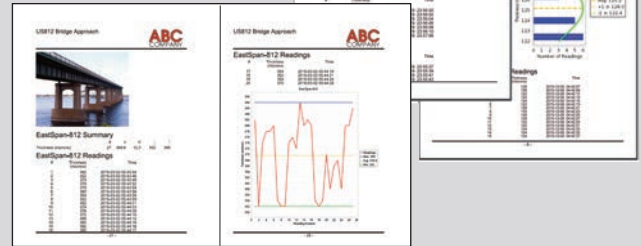
Easily create reports from your measurement data in seconds.

featured on

PosiSoft Desktop

PosiSoft.net

PosiTector App

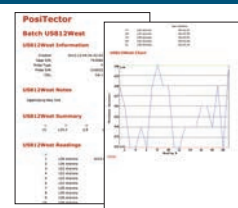


- Include inspection information such as on-site pictures, screen captures, notes and more to communicate important details
- Create and save multiple custom layouts as templates – insert cover pages, add logos/images, and select font and point size
- Select the information to include for each product type – charts, histograms, readings, time stamps and more
- Compile multi-batch reports from one or more probes and instrument types
- Export readings as comma separated value (.CSV) files which can easily be imported into Excel and other supporting applications



**Jobs** feature consolidates batches into groups to keep measurement data organized and to quickly create multi-batch reports (not available on PosiTector App)

## PosiSoft USB Drive — Gage Based



A simple gage interface to retrieve data in a manner similar to USB flash drives, cameras, or digital audio players. No software to install or internet connection required.

- View and print readings and graphs using universal PC/Mac web browsers and file explorers
- Measurement data can be printed quickly from a formatted HTML report or exported in .CSV format for further analysis in spreadsheets
- Simple file management - Copy and paste measurement data from the PosiTector to a local folder on your computer, network folder or cloud drive
- Access stored screen captures (snapshots) of the PosiTector display