

Order Code	Description
<input checked="" type="checkbox"/> FRS1	PosiTector Standard with 6000 FRS Probe
<input type="checkbox"/> FRS3	PosiTector Advanced with 6000 FRS Probe

## PosiTector 6000 Coating Thickness Gage Compare PosiTector Gage Bodies

Features	Standard	Advanced
<b>NEW</b> Larger 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation	●	●
Fast Mode—90+ readings per minute for quick inspection	●	●
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	1,000 per probe	250,000 in up to 1,000 batches
Live graphing of measurement data		●
<b>NEW</b> Touchscreen keyboard for quickly renaming batches, adding notes, and more		●
<b>NEW</b> SSPC-PA 2, ISO 19840, and IMO PSCP 90/10 modes help users comply with standards by prompting for max/min specifications, displaying the necessary readings, and automatically calculating statistics with a pass/fail result.		●
<b>NEW</b> Prompted Batch Mode—create pre-defined batches with on-screen text and image prompts for each reading		●
3 Scan Modes—Increase measurement speed to 180+ readings per minute		●
Multiple stored calibration adjustments for measuring on a variety of substrate conditions		●
<b>Connection Options</b>		
USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.	●	●
WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates		●
<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.		●



PosiTector 6000 FRS1



Removeable Cabled Probe	Probe Model FRS	
	<b>Range:</b>	0 - 60 mils
		0 - 1500 $\mu$ m
	<b>*Accuracy:</b>	$\pm$ (0.05 mils + 1%) 0 - 2 mils
		$\pm$ (0.1 mils + 1%) > 2 mils
		$\pm$ (1 $\mu$ m + 1%) 0 - 50 $\mu$ m
		$\pm$ (2 $\mu$ m + 1%) > 50 $\mu$ m
*Accuracies are stated as a fixed value plus a percentage of the gage's actual reading.		

FRS right angle probe for measuring non-magnetic coatings on steel substrates. Ideal for measuring in areas of low headroom.

Order Code	Description
<input checked="" type="checkbox"/> FRS1	PosiTector Standard with 6000 FRS Probe
<input type="checkbox"/> FRS3	PosiTector Advanced with 6000 FRS Probe

## All Gages Feature...

### Simple

- Fast measurement speed—60+ readings per minute. Enhanced FAST mode—90+ readings per minute for quick inspection.
- Ready to measure—no adjustment required for most applications
- **NEW** Larger 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation
- **NEW** On-gage help explains menu items at the touch of a button
- Flashing display—ideal in a noisy environment
- RESET feature instantly restores factory settings

### Durable

- **NEW** Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- **NEW** Ergonomic design with durable rubberized grip
- Wear-resistant probe tip
- Shock-absorbing protective rubber holster for added impact resistance
- Two year warranty on gage body AND probe

### Accurate

- Certificate of Calibration showing traceability to NIST or PTB included
- Built-in temperature compensation ensures measurement accuracy
- Hi-RES mode increases displayed resolution for precision applications
- Conforms to national and international standards including ISO and ASTM

### Versatile

- Multiple calibration adjustment options including zero, 1 point, 2 point, and ISO 19840 correction factors
- Selectable display languages
- **NEW** Auto rotating display with Flip Lock
- Extended cables available (up to 75 m/250 ft) for remote measuring

### Powerful

- Continually displays/updates average, standard deviation, min/max, and number of readings while measuring
- **NEW** Screen Capture—save 100 screen images for record keeping and review
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- **NEW** Instant-on feature quickly powers up the gage if recently powered down
- **NEW** Up to 30% longer battery life
- 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
- Includes PosiSoft suite of software for viewing and reporting data (see page 3)

### Award Winning Compatibility!

PosiTector body accepts all PosiTector 6000, 200, DPM, IRT, RTR, SPG, SST, SHD, BHI, and UTG probes easily converting from a coating thickness gage to a dew point meter, surface profile gage, soluble salt tester, hardness tester, or ultrasonic wall thickness gage.



**Comes complete** with PosiTector gage body, FRS probe, precision plastic shim(s), protective rubber holster, 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:** 127 x 66 x 25.4 mm (5" x 2.6" x 1")

**\*WEIGHT:** 137 g (4.9 oz.) without batteries

**CONFORMS TO:** ISO 19840/2178/2360/2808, ASTM B244/B499/D1186/D1400/D7091/E376/G12, BS3900-C5, SSPC-PA2 and others

\*Size and weight are for the PosiTector gage body only and do not include the probe.

# PosiSoft® Suite of Software

Powerful ways to view and report your PosiTector and PosiTest data

## PosiSoft Desktop — PC/Mac

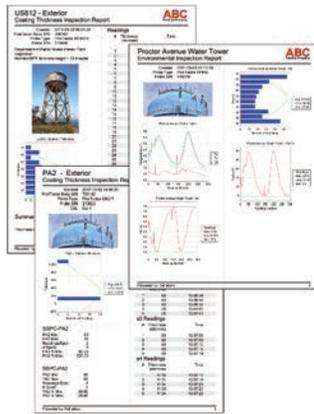
Powerful desktop software for downloading, archiving, and reporting measurement data.

- Import readings directly from the gage via USB, WiFi, or legacy PosiSoft Desktop versions
- **Jobs feature** consolidates batches into groups to keep measurement data organized and to quickly create multi-batch reports
- Fully integrates with PosiSoft.net—backup and synchronize jobs, batches, readings, and report templates to the cloud (see inset at right)
- Export readings as .csv (comma separated value) files for easy import into Excel and other spreadsheets



## Professional, Custom Reports

- Compile single or multi-batch reports from multiple probes and instrument types
- Add pictures, screen captures, notes, and more with an onscreen live preview
- Instantly create professional reports from pre-formatted report templates
- Design custom layouts and templates—add custom cover pages and logos, and choose to display charts, histograms, and/or individual readings
- Drag-and-drop Custom Fields mode—import PDF forms and overlay fields to automatically populate inspection data

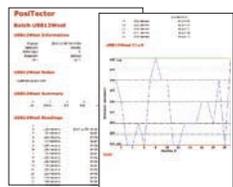


## Prompted Batch Mode

Create pre-defined batches with onscreen text and image prompts for each reading and upload to PosiTector 6000, 200, and UTG gages (*Advanced models only*).

- Ideal for ensuring a consistent measurement pattern for repetitive jobs or when specific measurement locations are required

## PosiSoft USB Drive — Gage based



A simple gage interface to retrieve data in a manner similar to USB flash drives or cameras. No software to install or internet connection required. Measurement data can be printed quickly from a formatted HTML report or exported in .csv format for further analysis in spreadsheets.

## PosiTector App — iOS/Android

Fully-featured mobile app that connects to the PosiTector SmartLink, PosiTector Advanced gages, and the PosiTest AT-A.

- Auto pairing Bluetooth BLE connection
- Add images and notes to individual readings or batches directly from your device
- Email readings as .csv (comma separated value) files for easy import to Excel and other spreadsheets.
- Synchronize readings with PosiSoft.net—backup and synchronize jobs, batches, and readings to the cloud (see inset below)



## Mobile Reporting Solution

- Compile single or multi-batch reports from multiple probes and instrument types
- Add pictures, screen captures, notes, and more
- Email pre-formatted or custom reports from your device instantly



## PosiSoft.net

Secure storage of measurement data in the cloud.

compatible with **PosiSoft Desktop** and **PosiTector App**

- Upload measurement data directly from WiFi-connected PosiTector Advanced gages from anywhere in the world—no software required
- Synchronize and share measurement data across multiple computers

**Ideal for...**

- Users with multiple computers, instruments, and office locations
- Inspection companies managing data from multiple inspectors
- Login from PosiSoft Desktop to synchronize all measurement data and stored report templates from your account



**PosiSoft.net Web Viewer** Review measurement data and print simple, pre-formatted PDF reports from any web browser—no software installation required.

## PosiTector Developer Resources

- Bluetooth 4.0
- WiFi
- Keyboard Mode
- USB Serial

PosiTector and PosiTest AT-A instruments can integrate with third-party software, drones, ROVs, PLCs, and robotic devices using several industry-standard communication protocols including: Bluetooth 4.0, WiFi, Keyboard mode, and USB serial.

