

Order Code	Description
<input type="checkbox"/> SPGOS1	PosiTector Standard with SPG OS Probe
<input type="checkbox"/> SPGOS3	PosiTector Advanced with SPG OS Probe

PosiTector <sup>SPG</sup> Surface Profile Gage	Compare PosiTector Gage Bodies	
Features	Standard	Advanced
Large 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation	•	•
Fast measurement rate of over 50 readings per minute—ideal for quickly and accurately measuring large surface areas	•	•
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		•
Touchscreen keyboard for quickly renaming batches, adding notes, and more		•
SmartBatch™ allows entry of user-defined parameters and criteria to comply with various standards and test methods		•
Connection Options		
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 SPG OS

Removable Cabled Probe	Probe Model SPG OS	
	<b>Application:</b>	Blasted Steel
	<b>Measuring Range:</b>	0 - 500 $\mu$ m 0 - 20 mils
	<b>Accuracy:</b>	$\pm$ (5 $\mu$ m + 5%) $\pm$ (0.02 mils + 5%)
	<b>Tip:</b>	<b>Angle</b> 60 degree*
		<b>Radius</b> 50 $\mu$ m (2 mils)

\*30 degree tips available for conformance to Australian standard AS 3894.5-C

The PosiTector SPG OS is a surface profile gage ideal for measuring the peak-to-valley surface profile height of flat or convex surfaces with an OD above 3mm (0.125") such as pipes and tanks.

An optional Large V-groove Adaptor is available to assist with probe placement when measuring on a pipe or tank with an OD between 30 cm (12") and 46 cm (18").

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<input type="checkbox"/> SPG0S1	PosiTector Standard with SPG OS Probe
<input type="checkbox"/> SPG0S3	PosiTector Advanced with SPG OS Probe

### All Gages Feature...



#### Simple

- Fast measurement rate of over 50 readings per minute—ideal for quickly and accurately measuring large surface areas
- Large 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation
- On-gage help explains menu items at the touch of a button
- RESET feature instantly restores factory settings



#### Durable

- Alumina wear face and tungsten carbide tip for long life and continuous accuracy—field replaceable tips
- Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- Ergonomic design with durable rubberized grip
- Rugged, indoor/outdoor instrument—ideal for field or shop use
- 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
- Glass zero plate and metal shim included
- Conforms to national and international standards including ASTM



#### Versatile

- PosiTector body accepts all PosiTector SPG, RTR, 6000, 200, DPM, IRT, SST, SHD, BHI, GLS, and UTG probes easily converting from a surface profile gage to a coating thickness gage, dew point meter, soluble salt tester, hardness tester, gloss meter, or ultrasonic wall thickness gage
- Cabled probes available for blasted steel, textured coatings, and concrete profile
- Auto rotating display with Flip Lock



#### Powerful

- Continually displays/updates average, standard deviation, min/max, and number of readings while measuring
- Screen Capture—save 100 screen images for record keeping and review
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- Instant-on feature quickly powers up the gage if recently powered down
- 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, GLS, and UTG probes easily converting from a coating thickness gage to a dew point meter, surface profile gage, soluble salt tester, hardness tester, gloss meter, or ultrasonic wall thickness gage.



**Comes complete** with PosiTector gage body, SPG probe, glass zero plate, metal check shim, protective rubber holster, wrist strap, 3 AAA alkaline batteries, instructions, hard case, protective lens shield, Long Form Certificate of Calibration traceable to PTB, USB cable, PosiSoft Software, two (2) year warranty on body and probe.

**\*SIZE:** 127 x 66 x 25.4 mm (5" x 2.6" x 1")

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

**CONFORMS TO:** ASTM D4417-B, AS 3894.5-C (with optional 30° tip), U.S. Navy NSI 009-32, SANS 5772 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.

