

| Order Code                                | Description                              |
|-------------------------------------------|------------------------------------------|
| <input checked="" type="checkbox"/> FNDS1 | PosiTector Standard with 6000 FNDS Probe |
| <input type="checkbox"/> FNDS3            | PosiTector Advanced with 6000 FNDS 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 PSPC 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 FNDS1

| Removeable Cabled Probe        | Probe Model FNDS (Duplex)                                                                                                                                                                                                 |                                                                                                                                                                                                                         |                                                              |                                                             |                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------|
|                                |                                                                                                                                                                                                                           | <b>DUPLEX</b>                                                                                                                                                                                                           |                                                              |                                                             |                                                   |
| <b>Range:</b>                  |                                                                                                                                                                                                                           | 0 - 60 mils<br>0 - 1500 µm                                                                                                                                                                                              |                                                              |                                                             |                                                   |
| <b>Minimum Zinc Thickness:</b> |                                                                                                                                                                                                                           | 0.5 mil (13 µm)                                                                                                                                                                                                         |                                                              |                                                             |                                                   |
| <b>*Paint Layer Accuracy:</b>  |                                                                                                                                                                                                                           | <table border="1"> <tr> <td>Mils</td> <td>± (0.05 mils + 1%) 0 - 2 mils<br/>± (0.1 mils + 1%) &gt; 2 mils</td> </tr> <tr> <td>Microns</td> <td>± (1 µm + 1%) 0 - 50 µm<br/>± (2 µm + 1%) &gt; 50 µm</td> </tr> </table> | Mils                                                         | ± (0.05 mils + 1%) 0 - 2 mils<br>± (0.1 mils + 1%) > 2 mils | Microns                                           |
| Mils                           | ± (0.05 mils + 1%) 0 - 2 mils<br>± (0.1 mils + 1%) > 2 mils                                                                                                                                                               |                                                                                                                                                                                                                         |                                                              |                                                             |                                                   |
| Microns                        | ± (1 µm + 1%) 0 - 50 µm<br>± (2 µm + 1%) > 50 µm                                                                                                                                                                          |                                                                                                                                                                                                                         |                                                              |                                                             |                                                   |
| <b>*Zinc Layer Accuracy:</b>   | <table border="1"> <tr> <td>Mils</td> <td>± (0.1 mils + 1%) 0.5 - 2 mils<br/>± (0.2 mils + 1%) &gt; 2 mils</td> </tr> <tr> <td>Microns</td> <td>± (2 µm + 1%) 13 - 50 µm<br/>± (4 µm + 1%) &gt; 50 µm</td> </tr> </table> | Mils                                                                                                                                                                                                                    | ± (0.1 mils + 1%) 0.5 - 2 mils<br>± (0.2 mils + 1%) > 2 mils | Microns                                                     | ± (2 µm + 1%) 13 - 50 µm<br>± (4 µm + 1%) > 50 µm |
| Mils                           | ± (0.1 mils + 1%) 0.5 - 2 mils<br>± (0.2 mils + 1%) > 2 mils                                                                                                                                                              |                                                                                                                                                                                                                         |                                                              |                                                             |                                                   |
| Microns                        | ± (2 µm + 1%) 13 - 50 µm<br>± (4 µm + 1%) > 50 µm                                                                                                                                                                         |                                                                                                                                                                                                                         |                                                              |                                                             |                                                   |

\*Accuracies are stated as a fixed value plus a percentage of the gage's actual reading.

FNDS probe for measuring the individual thicknesses of both the paint and the zinc layers in a duplex coating system with a single reading.

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### 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 15 m/50 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, FNDS 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

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 archiving 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
- Import PDF forms and overlay **Custom Fields** for automatic population of inspection and measurement data
- Report preview automatically refreshes as changes are made



### Prompted Batch Mode

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

- Ideal for ensuring a consistent measurement pattern for repetitive jobs or when specific measurement locations are required
- Create and store multiple templates for different jobs



## 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

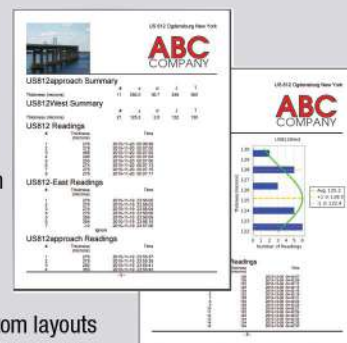


## PosiSoft Custom PDF Report Generator

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).



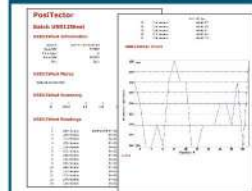
## PosiSoft.net — Web based

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



## 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



PosiTector and PosiTest AT-A instruments can integrate with third-party software, drones, ROVs, PLCs, and robotic devices using several industry-standard communication protocols.

**PosiTector Developer Resources**  
including Bluetooth 4.0, WiFi,  
USB Keyboard, and USB Serial