**PosiTector 6000 Series**

### 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 holder for added impact resistance
- Two year warranty on gage body AND probe

**Powerful**
- 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**
- **NEW** PosiTector body accepts all PosiTector 6000, 200, DPM, RTI, RTR, SPI, 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
- **NEW** Multiple calibration adjustment options including zero, 1-point, 2-point, and ISO 19614 correction factors
- **NEW** Selectable display languages
- **NEW** Auto rotating display with Flip Lock
- **NEW** Extended cables available (up to 75 m/250 ft) for remote measurement

**Accurate**
- **NEW** Multiple stored calibration adjustments for measuring on a variety of substrate conditions
- **NEW** SSGC-PA 2, ISO 19614, 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
- **NEW** WiFi technology wirelessly synchronizes with PosiTector.net and downloads software updates
- **NEW** BLE API for data transfer to a mobile device running the PosiTector App or optional portable printer. BLE API available for integration into third-party software.

**Standard Models**
- Includes ALL features as shown on left plus...
  - **NEW** Storage of 1,000 readings per probe—stored readings can be viewed or downloaded
- **NEW** Line graphing of measurement data
- **NEW** Prompted Batch Mode—create pre-defined batches with on-screen test image and prompts for each reading (see far right)
- **NEW** 3 Scan Modes—increase measurement speed up to 180+ readings per minute
- **Normal**—take continuous readings without lifting the probe
- **Statistics**—take continuous readings and record average, standard deviation, min/max thickness and number of readings while scanning
- **Limited Count Average**—take continuous readings up to a user-specified count. The gage displays and records the average of the readings
- **NEW** Touchscreen keyboard for quickly renaming batches, adding notes, and more
- **NEW** Multiple stored calibration adjustments for measuring on a variety of substrate conditions
- **NEW** SSGC-PA 2, ISO 19614, 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
- **NEW** WiFi technology wirelessly synchronizes with PosiTector.net and downloads software updates
- **NEW** BLE API for data transfer to a mobile device running the PosiTector App or optional portable printer. BLE API available for integration into third-party software.

**Advanced Models**
- Includes ALL features as shown on left plus...
  - **NEW** Storage of 250,000 readings from multiple probes in up to 1,000 batches and sub-batches
  - **NEW** Live graphing of measurement data
  - **NEW** Prompted Batch Mode—create pre-defined batches with on-screen test image and prompts for each reading (see far right)
  - **NEW** 3 Scan Modes—increase measurement speed up to 180+ readings per minute
  - **Normal**—take continuous readings without lifting the probe
  - **Statistics**—take continuous readings and record average, standard deviation, min/max thickness and number of readings while scanning
  - **Limited Count Average**—take continuous readings up to a user-specified count. The gage displays and records the average of the readings
  - **NEW** Touchscreen keyboard for quickly renaming batches, adding notes, and more
  - **NEW** Multiple stored calibration adjustments for measuring on a variety of substrate conditions
  - **NEW** SSGC-PA 2, ISO 19614, 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
  - **NEW** WiFi technology wirelessly synchronizes with PosiTector.net and downloads software updates
  - **NEW** BLE API for data transfer to a mobile device running the PosiTector App or optional portable printer. BLE API available for integration into third-party software.

**Probes available for a variety of applications**

- For measuring paint, powder, etc. on all metals...
- ... and for measuring galvanizing, plating, anodizing, and more.

**PosiTector SmartLink**
- **NEW** Wirelessly connect PosiTector 6000 probes to your smart device
- **NEW** Select from a variety of measurement ranges and probe styles
  - **NEW** Removable Probes can be detached and replaced with any one of our wide variety of probes

### Rugged Features...

- **NEW** Sealed USB Port for communicating with a PC or Mac
- **NEW** Weatherproof, dustproof, and shockproof
- **NEW** 2.8” impact resistant color touchscreen display
- **NEW** Auto rotating display with Flip Lock and on-screen help
- **NEW** Ergonomic design with durable rubberized grip
- **NEW** Redesigned keypad for quick navigation
- **NEW** Sealed connector protects probe from water and dust intrusion
- **NEW** Quality high-flex cable and strain relief
- **NEW** Stainless steel probe with knurled finger grip
- **NEW** Strong wear-resistant ruby-tipped probe

**Advanced Model shown with Prompted Batch Mode enabled**
- **NEW** Prompted Batch Mode
  - Create pre-defined batches with on-screen text and image prompts for each reading and upload to PosiTector 6000 Advanced models only.
  - Ideal for ensuring a consistent measurement pattern for repetitive jobs.

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

**PosiTector Desktop**
- Powerful desktop software for downloading, viewing, printing, and storing measurement data.
- Includes customizable, templated PDF Report Generator. No internet connection required.

**PosiTector USB Drive**
- 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.

**Award Winning Compatibility!**
- Coating Thickness
- Surfaces
- Environmental Conditions
- Hardness
- SST Conversions
- Ultrasonic Wall Thickness

**FREE SOLUTIONS for**
- View, analyze, and report data:
  - Powerful desktop software for viewing, analyzing and reporting data:
  - PosiTector Desktop
  - PosiTector USB Drive
  - PosiTector App
  - PosiSoft Desktop
  - **NEW** Prompted Batch Mode
  - Create pre-defined batches with on-screen text and image prompts for each reading and upload to PosiTector 6000 Advanced models only.
  - Ideal for ensuring a consistent measurement pattern for repetitive jobs.

**For measuring paint, powder, etc. on all metals...**

- ...and for measuring galvanizing, plating, anodizing, and more.
**PosiTector 6000 Series**

**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 red/green 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 rubber protector for added impact resistance.
- Two year warranty on gage body and probe.

**Versatile**
- 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.

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

**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.
- NEW Limited Count Average—take continuous readings up to a user-specified count. The gage displays and records the average of the readings.
- NEW Touchscreen keyboard for quickly renaming batches, adding notes, and more.
- Multiple stored calibration adjustments for measuring on a variety of substrate conditions.
- NEW 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.
- WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates.
- NEW Bluetooth 4.0 Technology for data transfer to a mobile device running the PosiTector App or optional portable printer. BLE API available for integration into third-party software.

**Advanced Models**
- Stainless steel probe with knurled finger grip.
- NEW 45˚, 90˚, and 180˚ probes.
- NEW Duplex Probe measures individual layer thicknesses of zinc and paint in a duplex coating system.
- NEW Xtreme probes with Alumina wear faces and braided cables for hostile/military surfaces.
- NEW Thick Probe for thick coatings on coated and uncoated substrates.
- NEW MicroProbes for small parts and hard-to-reach areas.

**Rugged Features...**
- NEW Storage of 1,000 readings per probe—stored readings can be viewed or downloaded.
- NEW 2.8” impact resistant color touchscreen display.
- Weatherproof, dustproof, and shockproof.
- Auto rotating display with Flip Lock and on-screen help.
- Ergonomic design with durable rubberized grip.
- Redesigned keypad for quick navigation.
- Sealed connector protects probe from water and dust intrusion.
- Built-in temperature compensation ensures measurement accuracy.
- Two year warranty on gage body AND probe.
- Wear-resistant probe tip.
- Flashing display—ideal in a noisy environment.
- READY to measure—no adjustment required for most applications.
- Fast measurement speed—60+ readings per minute. Enhanced FAST mode—180+ readings per minute.
- NEW 3 Scan Modes—increase measurement speed to 180+ readings per minute.
- Normal—take continuous readings without lifting the probe.
- Statistics—take continuous readings and record average, standard deviation, min/max thickness and number of readings while scanning.
- Limited Count Average—take continuous readings up to a user-specified count. The gage displays and records the average of the readings.
- NEW Touchscreen keyboard for quickly renaming batches, adding notes, and more.
- Multiple stored calibration adjustments for measuring on a variety of substrate conditions.
- NEW 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.
- WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates.
- NEW Bluetooth 4.0 Technology for data transfer to a mobile device running the PosiTector App or optional portable printer. BLE API available for integration into third-party software.
- Quality high-flex cable and strain relief.
- Stainless steel probe with knurled finger grip.
- NEW 45˚, 90˚, and 180˚ probes.
- NEW Duplex Probe measures individual layer thicknesses of zinc and paint in a duplex coating system.
- NEW Xtreme probes with Alumina wear faces and braided cables for hostile/military surfaces.
- NEW Thick Probe for thick coatings on coated and uncoated substrates.
- NEW MicroProbes for small parts and hard-to-reach areas.

**Advanced Model...**
- NEW Prompted Batch Mode
- Create pre-defined batches with on-screen text and image prompts for each reading and upload to PosiTector 6000 Advanced models only.
- Ideal for ensuring a consistent measurement pattern for repetitive jobs.

**NEW Prompted Batch Mode**
- Automatically prompts for max/min specifications for each batch.
- Requires pre-defined templates and stored in memory.
- Requires microSD card or optional rewritable flash memory for data transfer.
- Entries are stored in memory until PosiTector App or optional portable printer downloads software updates.

**Quick Start Guide**

**NEW Award-Winning Compatibility!**
- Compatible with iOS, Android, and Windows handhelds.
- Connected to a computer using a wired or wireless connection.
- Data can be viewed and downloaded using PosiSoft Desktop software for downloading, viewing, printing, and storing measurement data.
- Includes customizable, templated PDF Report Generator. No internet connection required.

**NEW Advanced Model...**

- Stainless steel probe with knurled finger grip.
- NEW 45˚, 90˚, and 180˚ probes.
- NEW Duplex Probe measures individual layer thicknesses of zinc and paint in a duplex coating system.
- NEW Xtreme probes with Alumina wear faces and braided cables for hostile/military surfaces.
- NEW Thick Probe for thick coatings on coated and uncoated substrates.
- NEW MicroProbes for small parts and hard-to-reach areas.

**PosiTector SmartLink...**
- New wireless technology.
- Connects PosiTector 6000 gages to a mobile device.
- Connects to iOS or Android smart devices.
- 4.0 Technology for fast, reliable data transfer.
- BLE API available for integration into third-party software.
- Quality high-flex cable and strain relief.
- Stainless steel probe with knurled finger grip.
- NEW 45˚, 90˚, and 180˚ probes.
- NEW Duplex Probe measures individual layer thicknesses of zinc and paint in a duplex coating system.
- NEW Xtreme probes with Alumina wear faces and braided cables for hostile/military surfaces.
- NEW Thick Probe for thick coatings on coated and uncoated substrates.
- NEW MicroProbes for small parts and hard-to-reach areas.

**PosiTector Desktop**
- Powerful desktop software for downloading, viewing, printing, and storing measurement data.
- Includes customizable, templated PDF Report Generator. No internet connection required.

**NEW Advanced Model...**

- Stainless steel probe with knurled finger grip.
- NEW 45˚, 90˚, and 180˚ probes.
- NEW Duplex Probe measures individual layer thicknesses of zinc and paint in a duplex coating system.
- NEW Xtreme probes with Alumina wear faces and braided cables for hostile/military surfaces.
- NEW Thick Probe for thick coatings on coated and uncoated substrates.
- NEW MicroProbes for small parts and hard-to-reach areas.
Ferrous probes measure non-conductive coatings on all metals. Non-Ferrous probes measure non-conductive coatings on non-ferrous metals. 1) FLS/FXS Xtreme probe series with fluted wear face and braided cable — ideal for rough or hot surfaces up to 250˚C (500˚F). 2) FNDS probe measures non-conductive coatings on steel only. 3) See website for FN90S probe accuracy information. 4) FNGS probe measures non-conductive coatings on all metals. 5) Accuracies are stated as a fixed value plus a percentage of the gage’s actual reading.

**Probe Details** (All probe details can be found online at www.defelsko.com/p6000/probes)

<table>
<thead>
<tr>
<th>Range</th>
<th>Standard</th>
<th>Advanced</th>
<th>Standard</th>
<th>Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Ferrous: 0–25 mils and 0–625 µm</td>
<td>STDA1</td>
<td>STDS1</td>
<td>STDA2</td>
<td>STDS2</td>
</tr>
<tr>
<td>Ferrous: 0–45 mils and 0–1150 µm</td>
<td>STDA3</td>
<td>STDS3</td>
<td>STDA4</td>
<td>STDS4</td>
</tr>
<tr>
<td>Non-Ferrous: 0–2500 µm</td>
<td>STDA6</td>
<td>STDS6</td>
<td>STDA7</td>
<td>STDS7</td>
</tr>
<tr>
<td>Ferrous: 0–5000 µm</td>
<td>STDA9</td>
<td>STDS9</td>
<td>STDA10</td>
<td>STDS10</td>
</tr>
</tbody>
</table>

**Options**

Coating Thickness Standards to fulfill both ISO and in-house quality control requirements.

Probes Foot Rings

Telescopic Probe Extender for use with the PosiTector 6000 FS, N, N5, FNS, FNDS, NAS, and FTS probes.

Provides up to 124 cm (49”) of reach and collapses to 47 cm (18.5”) for easy storage.

For a complete list of product features and available options visit www.defelsko.com

**ALL GAGES COME COMPLETE with precision plastic shield, 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, to fulfill both ISO and in-house quality control requirements.**

**Size:** 127 x 66 x 25.4 mm (5” x 2.6” x 1”)

**Weight:** 137 g (4.9 oz.)

* weighs and uses for the PosiTector HSE body only and do not include the probe.


For a complete list of product features and available options visit www.defelsko.com

© DeFelsko Corporation USA 2021. All Rights Reserved. Technical data subject to change without notice. • Printed in USA • P6000.v.L W/ W2101
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

**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

**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 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.