### Coating Thickness Gages for ALL Metal Substrates

<table>
<thead>
<tr>
<th>Probe Details</th>
<th>Probe Models</th>
<th>Cabled</th>
<th>Integral</th>
<th>Notes</th>
</tr>
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<tr>
<td><strong>All Gages Come Complete</strong></td>
<td>with precision plastic shim, 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, PosiTector Software, two (2) year warranty.</td>
<td></td>
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<tr>
<td><strong>Size</strong></td>
<td>137 x 61 x 28 mm (5.4” x 2.4” x 1.1”)</td>
<td></td>
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<tr>
<td><strong>Weight</strong></td>
<td>140 g (4.9 oz.)</td>
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### Probe Details (All Probe Details can be found online at www.defelsko.com/p6000/probes)

<table>
<thead>
<tr>
<th>Full Range</th>
<th>0–80 mils</th>
<th>0–2 mils</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-Ferrous:</td>
<td>0–60 mils</td>
<td>0–1500 µm</td>
</tr>
<tr>
<td>Ferrous:</td>
<td>0–45 mils</td>
<td>0–1150 µm</td>
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### Probe Specifications

<table>
<thead>
<tr>
<th>Range</th>
<th>Accuracy</th>
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</thead>
<tbody>
<tr>
<td>0–80 mils</td>
<td>0–2 mils</td>
</tr>
<tr>
<td>0–60 mils</td>
<td>0–1500 µm</td>
</tr>
<tr>
<td>0–45 mils</td>
<td>0–1150 µm</td>
</tr>
</tbody>
</table>

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

### Coating Thickness Standards

Coating thickness standards to fulfill both ISO and in-house quality control requirements.

### Options

- **Probe Foot Rings**
  - Durable Delrin ring allows the probe to slide easily while scanning.
  - Telescopic Probe Extender for use with the PosiTector 6000 FS, NS, FNS, FKS, FNG, NKS and FTS probes.
  - Provides up to 124 cm (49”) of reach and collapses to 47 cm (18.5”) for easy storage.

For more information, visit the PosiTector 6000 Series website.
PosiTector® 6000 Series

All Gages Feature...

Simple
- **NEW** Faster measurement speed—60+ readings per minute
- 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
- Wear-resistant probe tip
- 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
- Built-in temperature compensation ensures measurement accuracy
- HI-RES mode increases displayed resolution for use on applications that require greater precision
- Conforms to national and international standards including ISO and ASTM

Versatile
- PosiTector body accepts all PosiTector 6000, 200, RTR, SPG, DPM, SST, SHD and UTG probes easily converting from a coating thickness gage to a surface profile gage, dew point meter, soluble salt tester, Shore hardness durometer or ultrasonic wall thickness gage
- Multiple calibration adjustment options including 1 point, 2 point, known thickness, average zero
- Selectable display languages
- High contrast LCD with backlight display
- Flip Display enables right-side-up viewing
- Extended cables available up to 75 m/250 ft for remote measuring
- Uses alkaline or rechargeable batteries (built-in charger)

Powerful
- 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
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- **NEW** Enhanced FAST mode—90+ readings per minute for quick inspection
- Sealed 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 right panel)

Probes available for a variety of applications
- Removable Probes
- Integral Probes
- ...and for measuring galvanizing, plating, anodizing and more.

Rugged Features...

- Sealed USB Port— for communicating with a PC or Mac
- Scratch/soil/impact resistant lens
- Multi-function navigation button
- High contrast color LCD with backlight display

Advanced Models
- **NEW** Advanced Models as shown on left plus...
- Storage of 100,000 readings from multiple probes in up to 1,000 batches and sub-batches
- Live graphing of measurement data
- 3 Scan Modes — increase measurement speed to 180+ readings per minute
- **NEW** Normal— take continuous readings without lifting the probe
- **NEW** Limited Count Average — take continuous readings up to a user-specified count. The gage displays and records the average of the readings.
- **NEW** Multiple stored calibration adjustments for measuring on a variety of substrate conditions
- SSPC PA-2 feature determines if film thickness over a large area conforms to user-specified min/max levels
- PSPC 90/15 feature determines if a coating system complies with an IMO performance standard for protective coatings
- WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates

4.0 Technology
- 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.
- Onscreen Batch Annotation—add notes, change batch names and more with built-in QWERTY keyboard

Advanced Model shown in Memory Mode
- Quality high-flex cable and strain relief
- Stainless steel probe with knurled finger grip
- Strong wear-resistant ruby-tipped probe

PosiTector Smartlink™
- Wirelessly connect PosiTector 6000 probes to your smartphone or computer
- Connect to a mobile device running the PosiTector App or optional portable printer.
- USB cable included
- Flash 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 right panel)

Select from a variety of measurement ranges and probe styles
(see back page ordering guide)

PosiTector App
- Mobile app connects PosiTector Advanced instruments, the PosiTector Smartlink and the PosiTector AT-A to your iOS or Android smart device.
- PosiTector USB Data
- A simple page 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!
- **NEW** USB 3.0 drive plug compatible with universal PC/Mac web browsers or file explorers. No software required.
- Holster compatible with most PosiTector models
- USB 3.0 drive plug compatible with universal PC/Mac web browsers or file explorers. No software required.
- XY Plotter
- Pocket Magnifier
- Batteries
- Replacement Kit
- Standard Calibration
- Cleaning Kit
- Holster
- USB 2.0/3.0 drive plug
- Tabletop Display Stand
- Printers
- Calibration
- Battery Maintenance
- Accessories
### Standard Models
- **Includes ALL features as shown on left plus...**
  - Storage of 250 readings per probe—stored readings can be viewed or downloaded

### Advanced Models
- **Includes ALL features as shown on left plus...**
  - Storage of 100,000 readings from multiple probes in up to 1,000 batches and sub-batches
  - Line graphing of measurement data
  - Live graphing of measurement data
  - 3 Scan Modes — increase measurement speed to 180+ readings per minute
  - New — take continuous readings without lifting the probe
  - New Statistics — take continuous readings and record average, standard deviation, min/max thickness and number of readings while scanning
  - New Limited Count Average — take continuous readings up to a user-specified count. The gage displays and records the average of the readings.
  - Multiple stored calibration adjustments for measuring on a variety of substrate conditions
  - SSPC PA-2 feature determines if film thickness over a large area conforms to user-specified min/max levels
  - PSFC 90/10 feature determines if a coating system complies with an IMO performance standard for protective coatings
  - Wi-Fi technology wirelessly synchronizes with PosiTector.net and downloads software updates
  - Bluetooth® 4.0 Technology for data transfer to a mobile device running a PosiTector App or optional portable printer. BLE API available for integration into third-party software.
  - On-screen Batch Annotation — add notes, change batch names and more with built-in QWERTY keyboard

### Rugged Features...
- Sealed USB Port — for communicating with a PC or Mac
- Water and dust resistant
- High contrast color LCD with backlit display
- Scratch/solvent/impact resistant lens
- Multi-function navigation button
- Solvent, acid, oil resistant, high grade, industrial strength housing
- Continuous display/updates average, standard deviation, min/max
- Hi-RES mode increases displayed resolution for use on applications requiring greater precision
- Built-in temperature compensation ensures measurement accuracy
- Certificate of Calibration showing traceability to NIST or PTB included
- Two year warranty on gage body AND probe
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### Power features...
- Continuously displays/updates average, standard deviation, min/max thickness and number of readings while measuring
- Screen Capture — save screen images for record keeping and review
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- New Enhanced FAST mode— 90+ readings per minute for quick inspection
- Sealed USB port for fast, simple connection to a PC to supply continuous power, USB cable included
- PosiTector 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 right panel)

### PosiTector Smartlink™
- Wirelessly connect PosiTector 6000 probes to your smart device
- Select from a variety of measurement ranges and probe styles
- (see back page ordering guide)

### Probes available for a variety of applications
- **All Gages Feature...**
  - Simple
    - New — Faster measurement speed—60+ readings per minute
    - 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
    - Wear-resistant probe tip
    - 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
    - Built-in temperature compensation ensures measurement accuracy
    - Hi-RES mode increases displayed resolution for use on applications that require greater precision
    - Conforms to national and international standards including ISO and ASTM
  - Versatile
    - PosiTector body accepts all PosiTector 6000, 200, RTR, SPG, DPM, SST, SHD and UTG probes easily converting from a coating thickness gage to a surface profile gage, dew point meter, soluble salt tester, Shore hardness durometer or ultrasonic wall thickness gage
    - Multiple calibration adjustment options including 1 point, 2 point, known thickness, average zero
    - Selectable display languages
    - High contrast LCD with backlight display
    - Flip Display enables right-side-up viewing
    - Extended cables available (up to 75 m/250 ft) for remote measuring
    - Uses alkaline or rechargeable batteries (built-in charger)

### Advanced Features...
- Advanced Model shown in Memory Mode
- Stainless steel probe with knurled finger grip
- Strong wear-resistant ruby-tipped probe
- Quality high-flex cable and strain relief
- Solvent, acid, oil resistant lens
- Scratch/solvent/impact resistant housing
- Solvent, acid, oil resistant lens
- Scratch/solvent/impact resistant housing
- High contrast color LCD with backlit display
- Multi-function navigation button
- Solvent, acid, oil resistant, high grade, industrial strength housing
- Continuous display/updates average, standard deviation, min/max
- Hi-RES mode increases displayed resolution for use on applications requiring greater precision
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### Probes...
- **Powerful**
  - Continuously displays/updates average, standard deviation, min/max thickness and number of readings while measuring
  - Screen Capture — save screen images for record keeping and review
  - HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
  - New Enhanced FAST mode— 90+ readings per minute for quick inspection
  - Sealed USB port for fast, simple connection to a PC to supply continuous power, USB cable included
  - PosiTector 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 right panel)

### Probes available for a variety of applications
- **For measuring paint, powder, etc. on all metals...**
- **...and for measuring galvanizing, plating, anodizing and more.**
- **Duplex Probe** measures individual layer thicknesses of zinc and paint in a duplex coating system
- **Xtreme Probes** with Alumina wear faces and braided cables for rough/misformed surfaces
- **Thick Probes** series for thick protective coatings—spray, rubba, freeforming and more
- **Microprobe series** for small parts and hard-to-reach areas

### Award Winning Compatibility!
- Desktop Applications
  - Advanced instruments, the PosiTector SmartLink and the PosiTector App to your iOS or Android smart device
- **PosiTector USB**
  - 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.

### PosiSoft
- **FREE SOLUTIONS for viewing, analyzing and reporting data:**
  - A web-based application offering secure centralized management of readings. Includes customizable, templated PDF Report Generator. Access your data from any web-connected device.
- **PosiSoft Desktop**
  - Powerful desktop software for downloading, viewing, printing and storing measurement data. Includes customizable, templated PDF Report Generator. No internet connection required.
- **PosiSoft App**
  - Mobile app connects PosiTector Advanced instruments, the PosiTector SmartLink and the PosiTector AT-A to your iOS or Android smart device.
Coating Thickness Gages for **ALL** Metal Substrates

**Probes**
- **PosiTector 6000 Series**
  - **STDP8**, **STDS4**, **STDP7**
  - Measures non-conductive coatings on all metals.
  - **Ferrous probes**: Ideal for rough or hot surfaces up to 250˚C (500˚F).
  - **Non-Ferrous probes**: Measures non-conductive coatings on non-ferrous metals.

**Probe Details**
- **Standard**: 0–1500 µm (0.1 mil + 1%) >2 mils
  - **Ferrous**: 0–25 mils and 0–625 µm
  - **Non-Ferrous**: 0–250 mils and 0–800 µm
- **Advanced**: 0–45 mils and 0–1150 µm
  - **Ferrous**: 0–45 mils and 0–1150 µm
  - **Non-Ferrous**: 0–25 mils and 0–625 µm

**Accuracy**
- **Standard**: 0.5 µm + 3% >100 µm
  - **Ferrous**: 0–25 mils and 0–625 µm
  - **Non-Ferrous**: 0–250 mils and 0–800 µm
- **Advanced**: 0.02 mm + 3% >100 µm
  - **Ferrous**: 0–45 mils and 0–1150 µm
  - **Non-Ferrous**: 0–25 mils and 0–625 µm

**Scan Modes**
- **Advanced models only**
- **3 Powerful Scan Modes**

**Options**
- **Coating Thickness Standards**
  - Fulfill both ISO and in-house quality control requirements.
- **Probe Foot Rings**
  - Durable Delrin ring allows the probe to slide easily while scanning.
- **Telescopic Probe Extender**
  - Provides up to 124 cm (49”) of reach and collapses to 47 cm (18.5”) for easy storage.

**Probe Foot Rings**
- **Integral and Cabled**
  - Standard and Advanced models.

**Probe Details**
- **STDA2**, **STDS4**, **STDP3**
  - Measures non-conductive coatings on all metals.

**Calibration Standards**
- **ISO 19840, ASTM B 244/B 499/D 1186**
  - Conforms to **ISO 2178/2360/2808**, **SSPC-PA2** and others.

**Probe Features**
- **USB cable**, **PosiSoft Software**, **two (2) year warranty**

**Size**
- **137 x 61 x 20 mm** (5.4” x 2.4” x 1.1”)

**Weight**
- **140 g (4.9 oz.)** without batteries

**Conforms to** **ISO 2178/2360/2808**, **ASTM B244/B499/D1186/D1400/D7191/D7378/D512, BS5390-5:90, SSPC-PA2 and others**

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**Available on the Apple App Store**
- PosiTector SmartLink

**Bluetooth**