PosiTector® 6000 Series

Coating Thickness Gages for ALL Metal Substrates

WiFi

www.GlobalTestSupply.com
Find Quality Products Online at: www.GlobalTestSupply.com

sales@GlobalTestSupply.com
PosiTector® 6000 Series

All Gages Feature...

Simple
- Ready to measure—no calibration 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 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 universally accepts all PosiTector 6000, SPG and DPM probes easily converting from a coating thickness gage to a surface profile gage or dew point meter
- Multiple Calibration adjustment options including 1 point, 2 point, known thickness, average zero
- Selectable display languages
- Hi Contrast backlit display for bright or dark environments
- 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
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- FAST mode—faster measurement speed for quick inspection
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included
- USB mass storage—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
- Software updates via web keep your gage current
- Connects to PosiTector.net (see far right panel)

Probes available for a variety of applications

Select Substrate
- F — for ferrous metals (steel and cast iron)
- N — for non-ferrous metals (aluminum, copper, etc.)
- FN — for all metal substrates—Gage automatically recognizes the substrate and takes a measurement

Select Standard or Advanced Features

Standard Models
- Includes ALL features as shown on left plus...
  - Monochrome display
  - Storage of 250 readings—stored readings can be viewed or downloaded

Advanced Models
- Includes ALL features as shown on left plus...
  - Hi Contrast reversible color LCD
  - Storage of 100,000 readings in up to 1,000 batches and sub-batches
  - Onscreen help, real time graphing, picture prompting and batch notes
  - NEW! WiFi technology wirelessly synchronizes with PosiTector.net, downloads software updates, and connects to mobile devices for expanded functionality
  - Data transfer via USB to a PC or via Bluetooth Wireless Technology to a PC or printer
  - Scan mode—take continuous readings without lifting the probe
  - Multiple stored calibration adjustments for measuring on a variety of substrate conditions
  - SSPC PA2 feature determines if film thickness over a large area conforms to user-specified min/max levels
  - PSPC 90/10 feature determines if a coating system complies with an IMO performance standard for protective coatings

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

Heavy-duty, gold-plated locking connector for industrial environments

Removable Built-in Probe can be detached and replaced with any one of our wide variety of probes including separate probes and microprobes

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Rugged Features...

Sealed USB Port for communicating with a PC or Mac

Water and dust resistant—weatherproof

Hi resolution color LCD

Scratch/solvent/impact resistant lens

Multi-function navigation button

Solvent, acid, oil resistant, hi-grade, industrial strength housing

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

All Regular Separate Probes are suitable for underwater use

A free web-based application offering secure centralized management of thickness readings

- Synchronize measurement data when connected via USB or WiFi (Advanced models only)—measurements are uploaded to a secure server; images and batch notes are downloaded to your gage
- Manipulate uploaded data using a standard internet web browser from any location in the world—job site or head office
- Generate reports and graphs with annotations and user selected images
- Share measurement data with authorized users via a secure login from any computer and most web enabled devices
- Export data to XML and text files
- Visit www.defelsko.com/PosiTectorNET for a demonstration

Standard Model shown in Statistics mode with shock-absorbing, protective rubber holster

High-Range Probes for thick coatings, e.g. fireproofing, tank linings, etc.

Flip Display enables right-side-up viewing

Microprobe series for small parts and hard-to-reach areas

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PosiTector®
6000 Series
ORDERING GUIDE

Non-Magnetic Coatings over FERROUS Metals
(Steel and Iron)

<table>
<thead>
<tr>
<th>Range</th>
<th>Standard</th>
<th>Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 250 mils</td>
<td>F3</td>
<td>FRS3</td>
</tr>
<tr>
<td>0 – 625 μm</td>
<td>F3S</td>
<td>FRS3S</td>
</tr>
<tr>
<td>0 – 1000 mils</td>
<td>FT1</td>
<td>FTS1</td>
</tr>
<tr>
<td>0 – 1350 μm</td>
<td>FT3</td>
<td>FTS3</td>
</tr>
<tr>
<td>0 – 2000 mils</td>
<td>F3S1</td>
<td>FRS3S1</td>
</tr>
</tbody>
</table>

Non-Conductive Coatings on NON-FERROUS Metals
(Aluminum, Copper, etc.)

<table>
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<tbody>
<tr>
<td>0 – 50 mils</td>
<td>N1</td>
<td>NRS1</td>
</tr>
<tr>
<td>0 – 125 μm</td>
<td>N1S</td>
<td>NRS1S</td>
</tr>
<tr>
<td>0 – 100 mils</td>
<td>N3</td>
<td>NRS3</td>
</tr>
<tr>
<td>0 – 250 μm</td>
<td>N3S</td>
<td>NRS3S</td>
</tr>
<tr>
<td>0 – 250 mils</td>
<td>N3S1</td>
<td>NRS3S1</td>
</tr>
<tr>
<td>0 – 500 mils</td>
<td>N3S3</td>
<td>NRS3S3</td>
</tr>
</tbody>
</table>

Combination
ALL METALS

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</tr>
<tr>
<td>0 – 250 mils</td>
<td>FN3S1</td>
<td>FNS3S1</td>
</tr>
<tr>
<td>0 – 500 mils</td>
<td>FN3S3</td>
<td>FNS3S3</td>
</tr>
</tbody>
</table>

Probe Details

REMOVABLE BUILT-IN | REGULAR & FTS | 90° REGULAR | F0S & N0S WITH ADAPTER | F45S & N45S | F90S & N90S | FNTS, FKS & NKS

Options

Bluetooth Printer receives data from Advanced models
AC Power Kit for continuous operation or battery charging—works in any country
Coating Thickness Standards to fulfill both ISO and in-house quality control requirements
Rechargeable Batteries—a set of eneloop NiMH AAA batteries
Protective Lens Shields protect the display from overspray

ALL GAGES COME COMPLETE with precision plastic shims, protective rubber holster with belt clip, wrist strap, 3 AAA alkaline batteries, instructions, nylon carrying case with shoulder strap, protective lens shield, Long Form Certificate of Calibration traceable to NIST, USB cable, two (2) year warranty.

SIZE: 137 x 61 x 28 mm (5.4” x 2.4” x 1.1”)
WEIGHT: 140 g (4.9 oz.) without batteries

Conforms to ISO 2178/2360/2808, PrEN ISO 19840, ASTM B499/D1186/D1400/D7091/E376/G12, BS3990-C5, SSPC-PA2 and others

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