

NDT

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PosiTector® 6000 Series

Rugged, fully electronic coating thickness gauge uses magnetic and eddy current principles to measure coating thickness on both *ferrous* and *non-ferrous* metals accurately and quickly.

SIMPLICITY

- Large, easy-to-read LCD with menu-driven user interface with multilingual support including: English, Spanish, French, German, Portuguese, Chinese, Japanese, Dutch, Finish, Norwegian, Russian, Turkish, Czech and Italian
- Instant Automatic Gauge Setup
- Two-button operation
- Auto power-up on Built-In Probe gauges; Auto power-down on all gauges
- Average Zero feature; Ideal for zeroing the gauge on rough substrates
- RESET feature instantly restores gauge factory settings

DURABILITY

- Wear-resistant ruby probe tip on REGULAR and BUILT-IN Probes
- Solvent, acid, oil, water and dust resistant
- Gauge readings unaffected by vibration
- Two-year warranty on all gauges.

ACCURACY

- Certificate of Calibration showing traceability to NIST included with every gauge
- Exceptional accuracy as specified on Ordering Guide Page.
- Matching Calibration Standards and Procedures available for every gauge.
- Conforms to National and International Standards

VERSATILITY

- Mills/Microns/mm Switchable
- Easily Adjustable to any known thickness from 0 to 500 mils (13mm)
- Various probe configurations serve a wide variety of applications.
- Back glow display for dim or dark environments
- Available in both **Built-in Probe** and **Separate Probe (S)** configurations
- USB for fast connection to PC and to supply continuous power
- USB mass storage – stored readings and graphs can be accessed using universal PC/Mac web browsers or file explorers. No software required.
- Built-in clock to date and time stamp each stored measurement
- PosiTector 6000 Gauges are available in your choice of

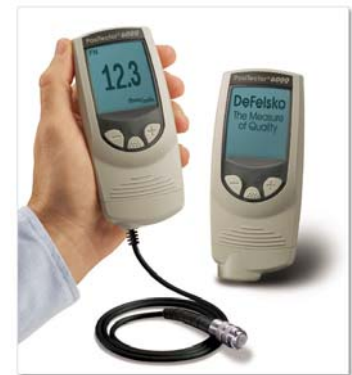
Standard (1) Model: Instant display of Average & Standard Deviation; HiLo feature audibly & visually alerts when measurements exceed your specified limits; uses alkaline or rechargeable batteries (built-in charger); connects to PosiTector.net

Advanced (3) Model: All Standard features plus high contrast reversible color LCD; data transfer via USB to a PC or via **Bluetooth** Wireless Technology to a PC or printer; Memory storage of 10,000 readings in up to 100 groups; Calculates mean, max and min thickness, tolerance, standard deviation and number of measurements by group; calculates the average of a set of average readings; Scan Mode to take continuous readings without lifting the probe; outputs readings as they are taken or stores them in memory for later download. SSPC PA2 and IMO PSPC 90/10 features determine if film thickness over a large area conforms to user-specified min/max levels.

Bluetooth Wireless Technology for immediate data transfer to your PC or compatible **Bluetooth** device.
Includes cables and **PosiSoft**® Windows® based software and can print to wireless **HP IR** battery powered printer

UNIQUE COMBINATION GAUGE (FN models)

- ONE gauge measures on ALL metals using only ONE probe! Automatic Ferrous/Non-Ferrous selection
- Eliminates confusion and possible operator error
- Measures galvanizing on steel, anodizing on aluminum, paint and powder on any metal, chrome on steel and more
- Unique "N-Lock" feature for measuring over slightly magnetic substrates; i.e. clear-coat on gold over Nickel-plated brass




PosiTector 6000 - Feature Comparison Chart

Standard
(1)

Advanced
(3)



All features shown on Overview page	●	●
Accepts all PosiTector 6000 probes	●	●
No calibration adjustment required for most applications	●	●
Enhanced one-handed menu navigation	●	●
Mils/Microns/MM switchable	●	●
Multiple calibration adjustment options including 1 point, 2 point, known thickness and average zero	●	●
Flip Display enables right side up viewing	●	●
Backlit display for dim or dark environments	●	●
Hi Contrast reversible color LCD	----	●
FAST mode - faster measurement speed for quick inspection	●	●
SCAN Mode - take continuous readings without lifting the probe	----	●
High Resolution mode increases the displayed resolution for use on applications that require greater precision	●	●
Hi-Lo limits audibly and visibly alerts when measurements exceed your specified limits	●	●
Statistics - Instantly calculate average, standard deviation, min/max thickness and number of readings while measuring	●	●
Reading Storage Capacity	250 in one group	100,000 in up to 1000 groups
Built in clock to date and time stamp each stored measurement	●	●
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	●	●

SSPC PA2 feature set 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		----	●
	Wireless Technology for data transfer to a PC or optional portable printer	----	●
Onscreen help, real time graphing, picture prompting and batch notes		----	●
Multiple stored calibration adjustments for measuring on a variety of substrate conditions		----	●
Connects to PosiTector.net		●	●
Protective rubber holster with belt clip		●	●
Nylon carry case with shoulder strap		●	●
Certificate of Calibration (Long Form) showing traceability to NIST included with all probes		●	●
Two (2) Year Warranty on Gage and Probe		●	●

All gages come complete with precision plastic shims, protective rubber holster with belt clip, 3 AAA batteries, instructions, wrist strap (built-in style only), nylon carrying case with shoulder strap, Certificate of Calibration traceable to NIST. Two (2) year warranty. Manufactured in the USA.

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