

NDT INTERNATIONAL, INC.

711 S. Creek Road
West Chester, PA 19382-8013 U.S.A.

(610) 793-1700
FAX (610) 793-1702
www.ndtint.com, E-mail: ndtint@ndtint.com

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

- Mils/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
- All PosiTector 6000 Gauges are available in your choice of

Basic (1) Model: Mils/Microns switchable

Standard (2) Model: All Basic features plus instant display of Average & Standard Deviation;
HiLo feature audibly & visually alerts when measurements exceed your specified limits

Memory (3) Model: All Standard features plus 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

SSPC PA-2 capability; calculates the average of a set of average readings

RS232 data output to computer, PosiPrinter or common serial printer. Outputs readings as they are taken or stores them in memory for later download

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	Basic (1)	Standard (2)	Memory (3)
No Calibration required for most applications	✓	✓	✓
One handed menu navigation	✓	✓	✓
Average Zero Feature; ideal for zeroing on rough substrates	✓	✓	✓
Mils/Microns/MM switchable	✓	✓	✓
Adjustable to a known thickness	✓	✓	✓
Thick impact resistant Lexan® display	✓	✓	✓
Flip Display enables right side up viewing whether the gage is in your hand or on a work table	✓	✓	✓
Backlit display for dim or dark environments	✓	✓	✓
Hi-Lo limits audibly and visibly alerts when measurements exceed your specified limits	-	✓	✓
Instantly calculate average, standard deviation, min/max thickness and number of readings while measuring	-	✓	✓
High Resolution mode increases the displayed resolution for use on applications that require greater precision	-	✓	✓
Reading Storage Capacity	-	250 in one group	10,000 in up to 1000 groups
SSPC PA2 feature set determines if film thickness over a large area conforms to user-specified min/max levels	-	-	✓
Built in clock to date and time stamp each stored measurement	-	-	✓
Multiple stored calibration adjustments for measuring on a variety of substrate conditions	-	-	✓
Serial RS232 communication for downloading readings as they are taken to a PC or Data Collector (requires optional Serial Output Cable)	-	-	✓
PosiSoft download and charting software (includes USB cable)	-	optional	✓
Immediate data transfer to your PC or compatible Bluetooth device	-	-	✓
Built-in IR port for printing to an optional portable printer	-	✓	✓
Protective rubber holster with belt clip	✓	✓	✓
Nylon carry case with shoulder strap	✓	✓	✓
Certificate of Calibration showing traceability to NIST	✓	✓	✓
Two (2) Year Warranty	✓	✓	✓

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 year warranty

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