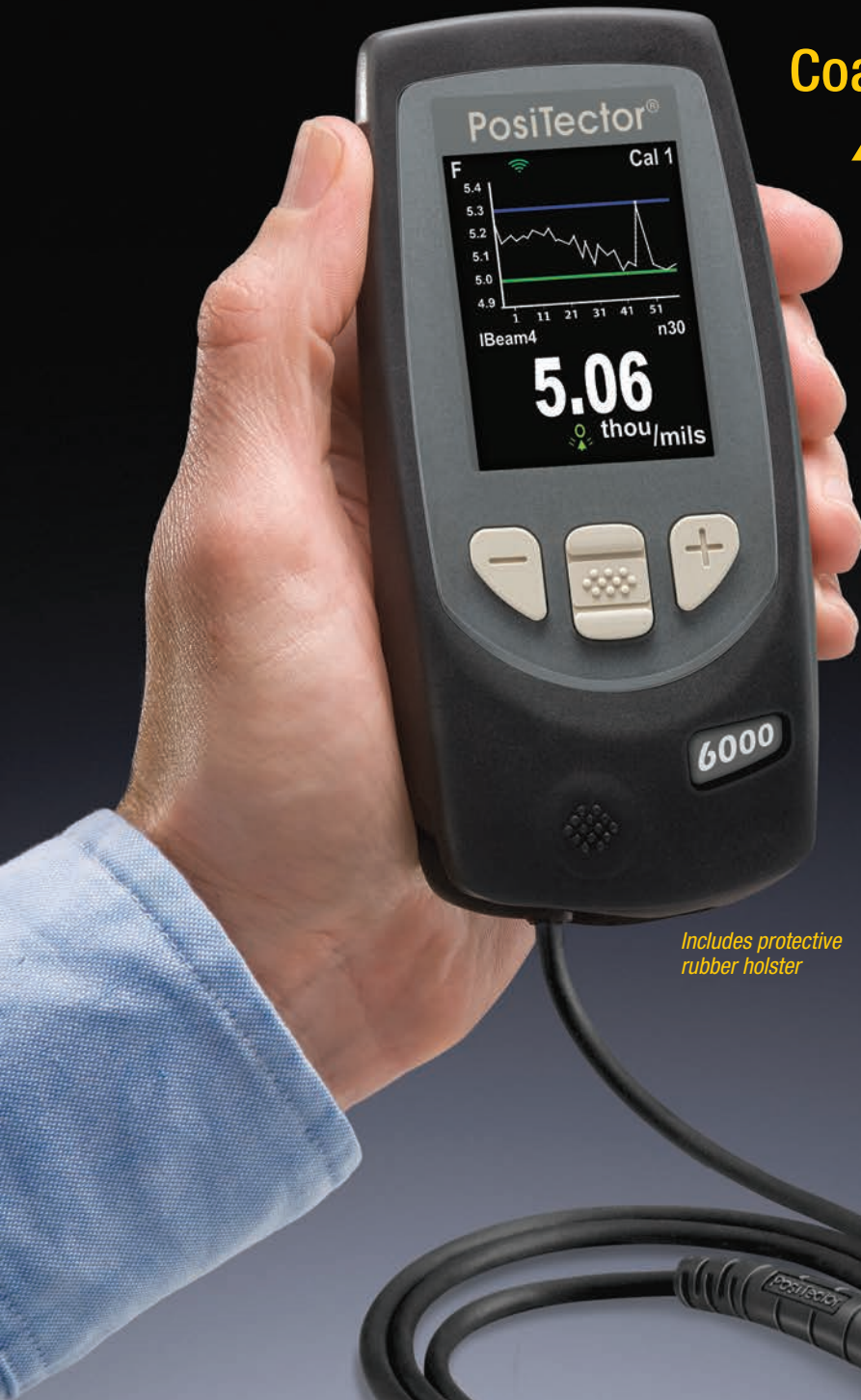


PosiTector® 6000 Series

Coating Thickness Gages for
ALL Metal Substrates



*Includes protective
rubber holster*



NEW!
Scan Modes

Advanced models now include
3 Powerful Scan Modes

DeFelsko®
The Measure of Quality



Available on the
App Store



PosiTector®
SmartLink
Compatible



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 backlit 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



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



...and for measuring galvanizing, plating,
anodizing and more.

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
- Live graphing of measurement data
- 3 Scan Modes — increase measurement speed to 180+ readings per minute
 - **Normal** — 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
- PSPC 90/10 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
- **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

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)



Cabled Probe Style



Integral Probe Style



Thick

90°

0°

45°

Regular

Rugged Features...

Sealed USB Port
for communicating
with a PC or Mac

Water and dust
resistant

WEATHERPROOF

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

**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 Cabled Probes
are suitable for underwater use*



FNDS Probe measures individual layer thicknesses of zinc and paint in a duplex coating system



FHXS Probe with Alumina wear face and braided cable for hot or rough surfaces



Flip Display enables right-side-up viewing



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

PosiSoft®...**FREE SOLUTIONS** for viewing, analyzing and reporting data:



PosiSoft Desktop

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

PosiSoft.net

A web-based application offering secure centralized management of readings. Includes customizable, templated PDF Report Generator. Access your data from any web-connected device.



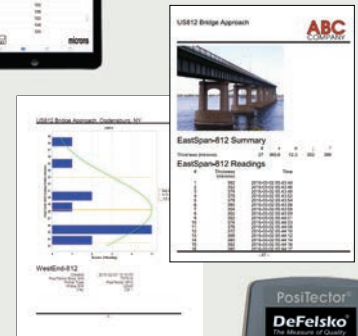
PosiTector App

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



PosiSoft 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
- Surface Profile
- Environmental Conditions
- Shore Hardness
- Salt Contamination
- Ultrasonic Wall Thickness



PosiTector® 6000 Series ORDERING GUIDE		Our most popular Integral and Cabled probe models				90° Regular probe for tight spots	Ideal for duplex coating systems	Ideal for anodized aluminum	Microprobes – Our smallest probes for small parts or hard-to-reach areas				Integral and Cabled probes for thick protective coatings; epoxy, rubber, intumescent fireproofing and more					
FERROUS PROBES	Standard	F1	FS1	FXS1*	FRS1			FOS1	F45S1	F90S1	F90ES1	FT1	FTS1	FTRS1	FHXS1**	FKS1	FLS1	
	Advanced	F3	FS3	FXS3*	FRS3			FOS3	F45S3	F90S3	F90ES3	FT3	FTS3	FTRS3	FHXS3**	FKS3	FLS3	
NON-FERROUS PROBES	Standard	N1	NS1		NRS1		NAS1	NOS1	N45S1	N90S1					NKS1			
	Advanced	N3	NS3		NRS3		NAS3	NOS3	N45S3	N90S3					NKS3			
COMBINATION PROBES	Standard	FN1	FNS1		FNRS1	FNDS1^						FNTS1						FNGS1†
	Advanced	FN3	FNS3		FNRS3	FNDS3^						FNTS3						FNGS3†
Range		0–60 mils 0–1500 µm					Ferrous: 0–45 mils and 0–1150 µm Non-Ferrous: 0–25 mils and 0–625 µm				0–250 mils 0–6 mm		0–400 mils 0–10,000 µm		0–500 mils 0–13 mm		0–1.5 in. 0–38 mm	0–2.5 in. 0–63.5 mm
Accuracy‡		±(0.05 mil + 1%) 0-2 mils ±(0.1 mil + 1%) >2 mils ±(1 µm + 1%) 0-50 µm ±(2 µm + 1%) >50 µm					±(0.02 mil + 1%) 0-4 mils ±(0.1 mil + 3%) >4 mils ±(0.5 µm + 1%) 0-100 µm ±(2 µm + 3%) >100 µm				±(0.5 mil + 1%) 0-100 mils ±(0.5 mil + 3%) >100 mils ±(0.01 mm + 1%) 0-2.5 mm ±(0.01 mm + 3%) >2.5 mm		±(0.1 mil + 3%) ±(2 µm + 3%)		±(1 mil + 3%) ±(0.02 mm + 3%)		±(0.01 in. + 3%) ±(0.2 mm + 3%)	
Matching DeFelsko Calibration Standards		STDS1 STDA1					STDS2 STDA2				STDP1		STDP7		STDP5		STDP8	STDP8 (included)

Ferrous probes measure non-magnetic coatings on ferrous metals. **Non-Ferrous probes** measure non-conductive coatings on non-ferrous metals. ***FXS Xtreme probe** with Alumina wear face. Ideal for rough surfaces. ****FHXS Xtreme probe** with Alumina wear face and braided cable measures non-conductive coatings on steel. Ideal for rough or hot surfaces up to 250° C (500° F). **^FNDS probes** for full accuracy information see website. **†FNGS probe** measures non-conductive coatings on all metals. ‡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)

REMOVABLE INTEGRAL	REGULAR, FNDS & FTS	FRS & FTRS	FOS & NOS WITH ADAPTER	F45S & N45S	F90S, F90ES & N90S
 Side View 21mm / 0.8"	 30mm / 1.2" Ø16mm / 0.6"	 50mm / 2" 28mm / 1.1" Ø16mm / 0.6"	 64mm / 2.5" 25mm / 1" Ø5mm / 0.2" Ø10mm / 0.4" Quick Release Adapter for 0° Probe 56mm / 2.2" Ø14mm / 0.6" 10mm / 0.4"	 58mm / 2.3" 18mm / 0.7" 12mm / 0.5" 12mm / 0.5" Ø5mm / 0.2"	 58mm / 2.3" (F90S, N90S) 350mm / 13.75" (F90ES, not to scale) 16mm / 0.6" 12mm / 0.48" 15mm / 0.6" Ø5mm / 0.2"

ALL GAGES COME COMPLETE with precision plastic shim(s), 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, PosiSoft Software, 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,
ISO 19840, ASTM B244/B499/D1186/
D1400/D7091/E376/G12, BS3900-C5,
SSPC-PA2 and others



Options

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

Probe Foot Rings
Durable Delrin ring allows the
probe to slide easily while
scanning

Extended Cables for under-
water or remote measuring.
Specify length when ordering.



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

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