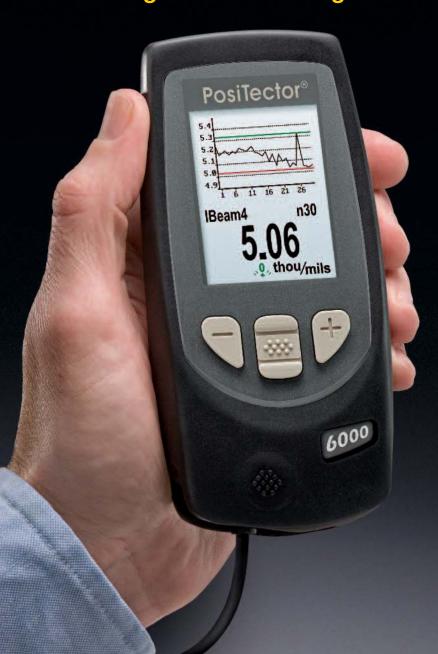
PosiTector® 6000 Series

Coating Thickness Gages for ALL Metal Substrates















PosiTector 6000 Series

All Gages Feature...

Simple

- 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 universally accepts all PosiTector 6000, 200, RTR, SPG, DPM and UTG probes easily converting from a coating thickness gage to a surface profile gage, dew point meter or ultrasonic wall thickness gage
- 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
- Screen Capture—save screen images for record keeping and review
- 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
- 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
- Software updates via internet keep your gage current
- Connects to PosiSoft.net (see far 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...

- Monochrome display with transflective technology enhances sunlight readability
- 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 more
- Batch annotation—add notes and change batch names with onscreen QWERTY keyboard
- WiFi technology wirelessly synchronizes with PosiSoft.net, downloads software updates and connects with 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

NEW PosiTector SmartLink

- Wirelessly connect PosiTector 6000 probes to your smart device
- Turns your cell phone or tablet into a virtual PosiTector gage
- For a complete list of features visit www.defelsko.com/SmartLink



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 Probes can be detached and replaced with any one of our wide variety of probes including separate probes and microprobes







Rugged Features...



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

PosiSoft USB Drive Connect to a PC/Mac using the supplied USB cable to access and print stored readings, graphs, photos, notes and screen captures. No software or internet connection required.

PosiSoft.net A web-based application offering secure centralized management of PosiTector readings. Access your data from any webconnected device.

PosiSoft Software

Newly updated version 3.0 desktop software for PC or Mac. Available as a free download.



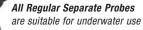
Access readings, graphs, capture photos and update



Stainless steel probe with knurled finger grip

cable and strain relief.

Strong wear-resistant ruby-tipped probe





Standard model shown in Statistics Mode with shock-absorbing, protective rubber holster



NEW! Xtreme Probe Series with Alumina Flip Display enables right-side-up viewing wear face for rough or hot surfaces





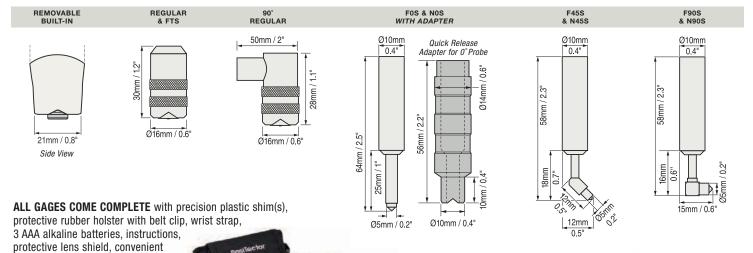
UTG

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

PosiTector® 6000 Series ORDERING GUIDE		Our most popular Removable Built-in and Regular Separate probe models				Ideal for anodized aluminum	Microprobes – Our smallest probes for small parts or hard-to-reach areas			Removable Built-in and Separate probes for thick protective coatings; epoxy, rubber, intumescent fireproofing and more					
		789								939				75	7
FERROUS PROBES	Standard	F1	FS1	FXS1*	FRS1		F0S1	F45S1	F90S1	FT1	FTS1	FHXS1*	FKS1	FLS1	
	Advanced	F3	FS3	FXS3*	FRS3		F0S3	F45S3	F90S3	FT3	FTS3	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						FNTS1				FNGS1**
	Advanced	FN3	FNS3		FNRS3						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				0-250mils 0-6mm		0-400 mils 0-10,000 μm	0-500 mils 0-13 mm	0-1.5 inches 0-38 mm	0-2.5 inches 0-63.5 mm
Accuracy‡		$ \begin{array}{l} \pm (0.05\text{mil}+1\%)0-2\text{mils} \\ \pm (0.1\text{mil}+1\%)>2\text{mils} \\ \pm (1\mu\text{m}+1\%)0-50\mu\text{m} \\ \pm (2\mu\text{m}+1\%)>50\mu\text{m} \end{array} $				$ \begin{array}{l} \pm (0.02\text{mil} + 1\%) \; 0 - 4\text{mils} \\ \pm (0.1\text{mil} + 3\%) > 4\text{mils} \\ \pm (0.5\mu\text{m} + 1\%) \; 0 - 100\mu\text{m} \\ \pm (2\mu\text{m} + 3\%) > 100\mu\text{m} \end{array} $				$\begin{array}{l} \pm (0.5 \text{mil} + 1\%) \ 0 - 100 \text{mils} \\ \pm (0.5 \text{mil} + 3\%) \ > 100 \text{mils} \\ \pm (0.01 \text{mm} + 1\%) \ 0 - 2.5 \text{mm} \\ \pm (0.01 \text{mm} + 3\%) \ > 2.5 \text{mm} \end{array}$		±(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. *Xtreme probe series with Alumina wear face. Ideal for rough or hot surfaces up to 250° C (500° F). **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)



SIZE: 137 x 61 x 28 mm (5.4" x 2.4" x 1.1")

two (2) year warranty.

WEIGHT: 140 g (4.9 oz.) without batteries

Conforms to ISO 2178/2360/2808, ISO 19840, ASTM B499/D1186/ D1400/D7091/E376/G12, BS3900-C5, SSPC-PA2 and others

carrying case, Long Form Certificate of Calibration traceable to NIST or PTB,

USB cable, PosiSoft.net account,

Options

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

Extended Cables for underwater 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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