PosiTector® 6000 Series





PosiTector 6000 Series

All Gages Feature...

Simple

- Fast measurement speed—60+ readings per minute. Enhanced FAST mode— 90+ readings per minute for quick inspection.
- Ready to measure—no adjustment required for most applications
- NEW Larger 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation
- NEW On-gage help explains menu items at the touch of a button
- Flashing display—ideal in a noisy environment
- RESET feature instantly restores factory settings

Durable

- NEW Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- **NEW** Ergonomic design with durable rubberized grip
- Wear-resistant probe tip
- Shock-absorbing protective rubber holster for added impact resistance
- 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 precision applications
- Conforms to national and international standards including ISO and ASTM

Versatile

- PosiTector body accepts all PosiTector 6000, 200, DPM, IRT, RTR, SPG, SST, SHD, BHI, and UTG probes easily converting from a coating thickness gage to a dew point meter, surface profile gage, soluble salt tester, hardness tester, or ultrasonic wall thickness gage
- Multiple calibration adjustment options including zero, 1-point, 2-point, and ISO 19840 correction factors
- Selectable display languages
- **NEW** Auto rotating display with Flip Lock
- Extended cables available (up to 75 m/250 ft) for remote measuring

Powerful

- Continually displays/updates average, standard deviation, min/max, and number of readings while measuring
- NEW Screen Capture—save 100 screen images for record keeping and review
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- NEW Instant-on feature quickly powers up the gage if recently powered down
- **NEW** Up to 30% longer battery life
- 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 far right)

Probes available for a variety of applications





...and for measuring galvanizing, plating,

Standard Models

Includes ALL features as shown on left plus...

 NEW Storage of 1,000 readings per probe—stored readings can be viewed or downloaded

Advanced Models

Includes ALL features as shown on left plus...

- NEW Storage of 250,000 readings from multiple probes in up to 1,000 batches and sub-batches
- Live graphing of measurement data
- NEW Prompted Batch Mode—create pre-defined batches with on-screen text and image prompts for each reading (see far right)
- 3 Scan Modes—increase measurement speed to 180+ readings per minute
 - Normal take continuous readings without lifting the probe
 - Statistics take continuous readings and record average, standard deviation, min/max thickness and number of readings while scanning
- Limited Count Average take continuous readings up to a user-specified count. The gage displays and records the average of the readings.
- NEW Touchscreen keyboard for quickly renaming batches, adding notes, and more
- Multiple stored calibration adjustments for measuring on a variety of substrate conditions
- NEW SSPC-PA 2, ISO 19840, and IMO PSPC 90:10 modes help users comply with standards by prompting for max/min specifications, displaying the necessary readings, and automatically calculating statistics with a pass/fail result
- 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.

PosiTector SmartLink™

 Wirelessly connect PosiTector 6000 probes to your smart device

Select from a variety of measurement ranges and probe styles

(see ordering guide on back page)

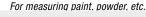


Removable Probes can be detached and replaced with any one of our wide variety of probes









Rugged Features...



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.

NEW Prompted Batch Mode

Create pre-defined batches with onscreen text and image prompts for each reading and upload to PosiTector 6000 Advanced models only. Ideal for ensuring a consistent measurement pattern for repetitive jobs.

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
- Hardness
- Salt Contamination





Duplex Probe measures individual layer thicknesses



Xtreme Probes with Alumina wear faces



Thick Probe series for thick protective



UTG

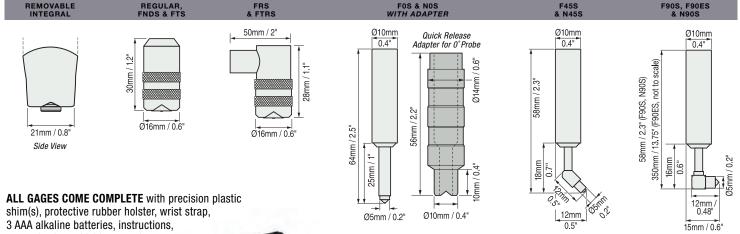
Microprobe series for small parts



		Our most popular Integral and Cabled probe models		90° Regular probe for tight spots	Ideal for duplex coating systems	ldeal for hot and rugged applications	ldeal for anodized aluminum	Our smallest probes			Integral and Cabled probes for thick protective coatings; epoxy, rubber, intumescent fireproofing and more								
						Parkets Management										To Date of the Control of the Contro			
FERROUS	Standard Advanced	F1 F3	FS1 FS3	FRS1 FRS3		FXS1 ¹ FXS3 ¹		F0S1 F0S3	F45S1 F45S3	F90S1 F90S3	F90ES1 F90ES3	FT1 FT3	FTS1 FTS3	FTRS1	FHXS1 ^{1,2} FHXS3 ^{1,2}	FKS1 FKS3	FJS1 FJS3	FLS1 FLS3	
NON-FERROUS	Standard Advanced	N1 N3	NS1 NS3	NRS1 NRS3			NAS1 NAS3	NOS1 NOS3	N45S1 N45S3	N90S1 N90S3						NKS1 NKS3			
COMBINATION	Standard Advanced	FN1 FN3	FNS1 FNS3	FNRS1 FNRS3	FNDS1 ³ FNDS3 ³								FNTS1 FNTS3						FNGS1 ⁴ FNGS3 ⁴
	Range	0-60 mils 0-1500 μm				0–80 mils 0–2000 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 ⁵		±(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					\pm (0.5 mil + 1%) 0-100 mils \pm (0.5 mil + 3%) >100 mils \pm (0.01 mm + 1%) 0-2.5 mm \pm (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 en				STDS4	STDS2 STDA2					STDP1			STDP7	STDP5	STDP2 STDP8		TDP8

Ferrous probes measure non-magnetic coatings on ferrous metals. Non-Ferrous probes measure non-conductive coatings on non-ferrous metals. 1) FXS/FHXS Xtreme probe series with Alumina wear face and braided cable — ideal for rough or hot surfaces up to 250° C (500° F). 2) FHXS probe measures non-conductive coatings on steel only. 3) See website for full FNDS probe accuracy information. 4) FNGS probe measures non-conductive coatings on all metals. 5) 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)



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:** 127 x 66 x 25.4 mm (5" x 2.6" x 1")

***WEIGHT:** 137 g (4.9 oz.) without batteries

* Size and weight are for the PosiTector gage body only and do not include the probe.

Conforms to ISO 19840/2178/2360/2808, 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

Telescopic Probe Extender for use with the PosiTector 6000 FS, NS, FNS, FXS, FNDS, NAS and FTS probes.

 Provides up to 124 cm (49") of reach and collapses to 47 cm (18.5") for easy storage

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

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Standards