

PosiTector® 6000 Series

Coating Thickness Gages for **ALL** Metal Substrates



DeFelsko®
The Measure of Quality



Available on the
App Store



www.defelsko.com/SmartLink

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 transfective 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
- PSCP 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



Separate Probe Style



Built-in Probe Style

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



FKS

90°

0°

45°

Regular

Rugged Features...

Sealed USB Port
for communicating
with a PC or Mac

Water and dust
resistant

WEATHERPROOF

Hi resolution color LCD

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 Separate Probes
are suitable for underwater use*



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



NEW! Xtreme Probe Series with Alumina
wear face for rough or hot 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 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 web-
connected device.



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

PosiSoft Mobile Access readings, graphs, capture photos and update
annotations using WiFi enabled devices such as tablets,
smart phones and computers. (Advanced models only)

















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**PosiTector bodies
accept all 6000,
200, RTR, SPG, DPM
and UTG probes**



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							
																
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	N0S1	N45S1	N90S1				NKS1			
	Advanced	N3	NS3		NRS3	NAS3	N0S3	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				0–250 mils 0–6 mm		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†		±(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. ***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)

REMOVABLE BUILT-IN	REGULAR & FTS	90° REGULAR	F0S & N0S WITH ADAPTER	F45S & N45S	F90S & N90S
21mm / 0.8" Side View	30mm / 1.2" Ø16mm / 0.6"	50mm / 2" 28mm / 1.1" Ø16mm / 0.6"	Ø10mm / 0.4" 64mm / 2.5" 25mm / 1" Ø5mm / 0.2"	Ø10mm / 0.4" 58mm / 2.3" 18mm / 0.7" 12mm / 0.5" 12mm / 0.5" Ø5mm / 0.2"	Ø10mm / 0.4" 58mm / 2.3" 16mm / 0.6" 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.net account, 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 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

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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Made in U.S.A.