

PosiTector 6000—Coating Thickness Gauge Range

PosiTector 6000

Rugged, fully electronic gauges use magnetic and eddy current principles to measure coating thickness on both ferrous and non-ferrous metals, accurately and quickly.

Simple

- Ready to measure-no calibration 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 gauge body AND probe

Accurate

- Certificate of Calibration showing traceability to NIST 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

- Fully interchangeable probes are compatible with ALL gauge bodies
- Multiple calibration adjustment options including 1 point, 2 point, known thickness and 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 underwater or remote measuring
- Uses alkaline or rechargeable batteries (built-in charger)



PosiTector 6000—Coating Thickness Gauge Range

Powerful

- Statistics mode continually displays/updates average, standard deviation, min/max thickness and number of readings while measuring
- 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
- USB mass storage - 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 web keep your gauge current
- Connects to PosiTector.net












Warranty



**2 Year Warranty
on Gage body
AND Probe**



PosiTector 6000—Coating Thickness Gauge Range

ORDERING Guide		Our most popular built-in and Regular separate probe models			90 Regular probe for tight spots	Ideal for anodized aluminum	Microprobes - Our smallest probes for small parts or hard-to-reach areas			Built-in and Separate probes for thick protective coatings; epoxy, rubber, intumescent fire proofing and more		
Gauge Image Probe Details												
Coatings on FERROUS metals (Steel & Cast Iron)	Standard	F1	FS1	FRS1		F0S1	F45S1	F90S1	FT1	FTS1	FKS1	
	Advanced	F3	FS3	FRS3		F0S3	F45S3	F90S3	FT3	FTS3	FKS3	
Coatings on NON-FERROUS metals (Aluminum, Copper, etc.)	Standard	N1	NS1	NRS1	NAS1	NOS1	N45S1	N90S1			NKS1	
	Advanced	N3	NS3	NRS3	NAS3	NOS3	N45S3	N90S3			NKS3	
Combination ALL METALS	Standard	FN1	FNS1	FNRS1						FNTS1		
	Advanced	FN3	FNS3	FNRS3						FNTS3		
Measuring Range		0 - 60 mils 0 - 1500 um			<i>Ferrous:</i> 0 - 45 mils (0 - 1150 μm) <i>Non-Ferrous:</i> 0 - 25 mils (0 - 625 μm)			0 - 250 mils 0 - 6 mm		0 - 500 mils 0 - 13 mm		
Accuracy**		±(0.05 mils + 1%) 0 - 2 mils ±(0.1 mils + 1%) > 2 mils ±(1 um + 1%) 0 - 50 um ±(2 um + 1%) > 50 um			±(0.02 mils + 1%) 0 - 4 mils ±(0.1 mils + 3%) > 4 mils ±(0.5 um + 1%) 0 - 100 um ±(2 um + 3%) > 100 um			±(0.5 mils + 1%) 0 - 100 mils ±(0.5 mils + 3%) > 100 mils ±(0.01 mm + 1%) 0 - 2.5 mm ±(0.01 mm + 3%) > 2.5 mm		±(1 mil + 3%) 0 - 500 mils ±(0.02 mm + 3%) 0 - 13 mm		
Matching DeFelsko Calibration Standards		STDS1 STDA1			STDS2 STDA2			STDP1		STDP5		

**Accuracies are stated as a fixed value plus a percentage of the gauge's actual reading. EXTENDED CABLES available for underwater or remote measuring. Specify length when ordering