

# PosiTector 6000 Series Order Guide

		Our most popular Integral and Cabled probe models			90° Regular probe for tight spots	Ideal for duplex coating systems	Ideal for hot and rugged applications	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	Standard	F1	FS1	FRS1		FXS1 <sup>1</sup>	FOS1	F45S1	F90S1	F90ES1	FT1	FTS1	FTRS1	FHXS1 <sup>1,2</sup>	FKS1	FJS1	FLS1			
	Advanced	F3	FS3	FRS3		FXS3 <sup>1</sup>	FOS3	F45S3	F90S3	F90ES3	FT3	FTS3	FTRS3	FHXS3 <sup>1,2</sup>	FKS3	FJS3	FLS3			
NON-FERROUS	Standard	N1	NS1	NRS1			NAS1	NOS1	N45S1	N90S1					NKS1					
	Advanced	N3	NS3	NRS3			NAS3	NOS3	N45S3	N90S3					NKS3					
COMBINATION	Standard	FN1	FNS1	FNRS1	FNDS1 <sup>3</sup>												FNGS1 <sup>4</sup>			
	Advanced	FN3	FNS3	FNRS3	FNDS3 <sup>3</sup>												FNGS3 <sup>4</sup>			
Range		0–60 mils 0–1500 µm				0–80 mils 0–2000 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	0–1.0 in. 0–25 mm	0–1.5 in. 0–38 mm	0–2.5 in. 0–63.5 mm
Accuracy <sup>5</sup>		±(0.05 mil + 1%) 0-2 mils ±(0.1 mil + 1%) >2 mils				±(0.02 mil + 1%) 0-4 mils ±(0.1 mil + 3%) >4 mils				±(0.5 mil + 1%) 0-100 mils ±(0.5 mil + 3%) >100 mils				±(0.1 mil + 3%)		±(1 mil + 3%)	±(0.01 in. + 3%)			
Matching DeFelsko Calibration Standards		STDS1 STDA1				STDS4				STDS2 STDA2				STDP1		STDP7	STDP5	STDP2	STDP8	

**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](http://www.defelsko.com/p6000/probes))

REMOVABLE INTEGRAL	REGULAR, FNDS & FTS	FRS & FTRS	FOS & NOS WITH ADAPTER	F45S & N45S	F90S, F90ES & 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"	Quick Release Adapter for 0° Probe 56mm / 2.2" Ø14mm / 0.6" 10mm / 0.4" Ø10mm / 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, 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:** 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](http://www.defelsko.com)

