

FCT 1 Data Coating Thickness Tester



TECHNICAL DATA	FCT 1 DATA		PROPERTIES	SUPPLIED WITH
	Probe F	Probe N		ART.-NO. 800460
Working principle	Magnetic induction	Eddy current principle	<ul style="list-style-type: none"> · Internal memory for 80 readings per group · Easy data transfer to PC by USB · PC software · Measures insulating coatings on non-ferrous metals · Automatic recognition of the material (Fe / NFe) · Sensor with V-groove for measurements of round objects · Magnetic induction and eddy current measuring principle · Single and permanent measurement · AVG / Max / Min function · Alarm function 	<ul style="list-style-type: none"> · 2 x AAA batteries · USB cable · Software · Calibration accessories · Case
Measuring range	0 – 1250 μm 0 – 49.21 mils	0 – 1250 μm 0 – 49.21 mils		
Guaranteed tolerance (of reading)	0 – 850 μm ($\pm 3\%$ +1 μm) 0 – 33.46 mils ($\pm 3\%$ +0.039 mils)	0 – 850 μm ($\pm 3\%$ +1.5 μm) 0 – 33.46 mils ($\pm 3\%$ +0.059 mils)		
	850 – 1250 μm ($\pm 5\%$) 33.46 – 49.21 mils ($\pm 5\%$)	850 – 1250 μm ($\pm 5\%$) 33.46 – 49.21 mils ($\pm 5\%$)		
Resolution 0 – 50 μm	0.1 μm	0.1 μm		
Resolution 0 – 1.968 mils	0.001 mils	0.001 mils		
Diameter of minimum area	7 mm	5 mm		
Basic thickness of material	0.5 mm	0.3 mm		
Working temperature	0 °C to +40 °C	0 °C to +40 °C		
Working relative humidity	20 % ~ 90 %	20 % ~ 90 %		
Power supply	2 x AAA Alkaline	2 x AAA Alkaline		
Size	113.5 x 54 x 27 mm	113.5 x 54 x 27 mm		
Weight	110 g	110 g		