

DIGITAL COATING THICKNESS GAUGE FOR FERROUS & NON-FERROUS BASE MATERIAL

MODEL-KM-FN-500A

INTRODUCTIONS:

This compact gauge can be used for non-destructive coating thickness measurement of non-magnetic coatings, e.g. paint, enamel, chrome on steel, & insulating coatings, e.g. pain & anodizing coatings on non-ferrous metals.



APPLICATION:

Coating thickness testing for car paint, electroplating, surface technology, pipeline anticorrosion coating, mechanical equipment surface anticorrosion, chemical equipment and quality control.

GENERAL SPECIFICATIONS:

Probe	Probe F	Probe N
Measuring Principle	Magnetic induction	Eddy Currents
	wagnetic induction	
Measuring range	0 to 1500μm	0 to 1500μm
Accuracy	Type A: ±(3%+1μm)	Type A: ±(3%+1μm)
	Type B: ±(2%+1μm)	Type B: ±(2%+1μm)
	0µm~99.9µm(0.1µm)	0μm~99.9μm(0.1μm)
Resolution	100μm~999μm(1μm)	100μm~999μm(1μm)
	>1000µm(0.01mm)	>1000µm(0.01mm)
Calibration	Zero point calibration	
Statistics	No. of readings, mean, minimum, maximum	
Units	μm, mm, mils	
Backlight	YES	
Minimum curvature radius convex	5mm	
Minimum curvature radius concave	25mm	
Minimum measuring area	Diameter 20mm	
Minimum thickness of substrate	0.2mm	0.05mm
Maximum measuring rate	Two readings per second	
Power Supply	Two 1.5V AAA battery	
Operating Temperature	0~50°C (32 ~ 122°F);Humidity:20%~ 90%RH	
Storage Temperature	-10 ~ 60°C (14 ~ 140°F)	
Standard compliance	CE ROHS FCC	
Dimension	110 x 53 x 24 mm	
Weight	Approx. 84g.	
Accessories	User Manual, Battery & Carrying case	



Preliminary Data

All Specifications are subject to change without prior notice



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