

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



Preliminary Data

All Specifications are subject to change without prior notice