

Coating Thickness Gauge




TM520F/TM520FN Thickness Gauge is built-in both Ferrous Mode & Non-Ferrous Mode; It can be widely used in kinds of metal coating thickness measurement which is your indispensable tool in non-destructive testing; The instrument can automatically recognize the material to be tested and choose the correct measurement mode.

TM-520F / FN

Model	Probe F	Probe F&NF
Principle	Magnetic Induction	Magnetic & Eddy Current
Range	0~1300um	0~1300um
	0~51.2mil	0~51.2mil
Accuracy	±(3%+2um)	±(3%+2um)
	±(3%+0.08mil)	±(3%+0.08mil)
Resolution	0.1um/0.01mil	0.1um/0.01mil
Calibration	Points: ZERO/50/100/250/500/1000um	
Units	um, mil	um, mil
	minimum curvature radius convex: 1.5mm	
	minimum curvature radius concave: 25mm	
	minimum measuring area: Diameter 6mm	
minimum thickness of substrate	0.5mm(0.02")	0.3mm(0.012")
Power	One 9V battery	One 9V battery
Operation Environment	Temperature:0~40°C(32~104°F) Humidity:20%~90%RH	
Size	130mm x 62mm x 32mm	130mm x 62mm x 32mm
	(4.88" x 2.44" x 1.26")	(4.88" x 2.44" x 1.26")
Weight	100g(3.53oz)	100g(3.53oz)

SPECIFICATION

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