

Thickness Gauge ET330

The thickness gauge is used to measure the thickness of the plated and coated sheet on metal, e.g. paint/enamel/ chrome on steel, paint and anodizing coating on aluminum/copper. The gauge takes the precision integrated probe, and uses principles of electro-magnetic induction & eddy current effect, which detects the attribute of substrates.

Item Specifics:

Is_customized: Yes

Brand Name: Noyafa

Model Number: ET330

Principle: Probe F/ Probe N

Place of Origin: Shenzhen, China

Color: Black

Power: 2*AAA

Warranty: 1Year



Application Field:

The Gauge is designed for non-destructively measuring the thickness of coating and painting. It is essential for material surface treatment and widely used in manufacturing industry, metal-processing industry, chemical industry, commodity inspection area, and also able to work steadily in the laboratory, workshop and outdoor.

Technical specifications

	Probe F, Fe+Zn	Probe N
Principle	Magnetic Induction	Eddy Current
Range	0~1500um 0~59.1mil	0~1500um 0~59.1mil
Accuracy	± (3%+2um) ± (3%+0.08mil)	± (3%+2um) ± (3%+0.08mil)
Resolution	0.1um/0.01mil	0.1um/0.01mil
Calibration	Zero Point / Multi-Points	
Units	um, mil	
minimum curvature radius convex: 1.5mm		
minimum curvature radius concave: 25mm		
minimum measuring area: Diameter 6mm		
minimum detectable galvanized layer thickness in Fe+Zn: 15um		
The maximum distance from the galvanized layer in Fe+Zn: 200um		
minimum thickness of substrate	0.5mm(0.02")	0.3mm(0.012")
Power	2 x AAA batteries	
Operation Environment	Temperature:0~40 °C (32~104 °F) Humidity:20%~90%RH	
Size	124mm x 31mm x 23mm (4.88" x 1.22" x 0.91")	
Weight	60g (2.12 oz)	