Metrix+™
Innovative Excellence

COATING THICKNESS GAUGE

COAT GAUGE FN xL

Best value

Measuring principle

This instrument has an in-built probe which uses the principle of electromagnetic induction to measure the thickness of non-magnetic coatings on magnetic substrates(steel/iron) and eddy current principle to measure thickness of non-conductive coatings on non-magnetic substrates(aluminium, copper, brass).



Applications

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 able to work steadily in the laboratory, workshop and outdoors.

Features

- Large Display for better readability.
- Zero-point calibration and multi-point calibration.
- Two measure modes: single and continuous.
- Selectable um/mil measuring units.

Technical Specifications

Model	*Metrix+* Coat Gauge FN xL
Measuring principle	Magnetic induction(F) & Eddy Current(NF)
Measuring range	0 to 1500um (0 to 59mils)
Accuracy	±(2.5%+2um) ±(2.5%+0.08mil)
Resolution	0.1um/0.01mil
Calibration	Zero Calibration, Multi-Points Calibration
Units	um , mils
Minimum curvature radius	1.5mm(convex) 25mm(concave)
Minimum measuring area	Diameter 6mm
Minimum thickness of substrate	0.5mm(0.02”)(F) 0.3mm(0.012”)(NF)
Power supply	4 x 1.5V AAA battery
Operation environment	Temperature: 0 to 40℃(32 to 104℉) ； Humidity: 20% to 90%rh
Size	155mm×62mm×35mm(6.10"×2.44"×1.38")
Weight	125g(4.14 oz)
Standard Accessories	Coating Thickness Gauge, ‘0’ calibration block, standard foils, batteries, Technical manual.

Model and Specifications subject to change without notice.