COATING THICKNESS GAUGE

CX810

CX810 gauges can be used for non-destructive coating thickness measurement of non-magnetic coatings, e.g. paint, enamel, chrome on steel, and insulating coatings, e.g. paint and anodizing coatings on non-ferrous metals.

External sensor has magnetic induction and eddy current effect integrated probe, measuring range is 0~5000μm for Fe and 0~3000μm for NFe and measuring accuracy is ±(2%+1μm), resolution is up to 0.1μm.

FEATURES

- 2.4 inch color screen
- High resolution 0.1μm
- High accuracy ±(2%+1μm)
- Measuring range is 0~5000μm
- Self-adaptive back light brightness
- Sound volume adjustable

TECHNICAL SPECIFICATION

Probe Type	External
Measurement Principle	Fe : Magnetic induction NFe : Eddy current
Measurement Range	Fe : 0~5000μm; NFe : 0~3000μm
Resolution	0.1μm (0-99.9μm); 1μm (>100μm)
Accuracy	±(2%+1μm)
Units	μm ,mils, mm, Inch
Calibration	Zero Calibration and Multi Point Calibration
Statistics	Number of readings, max/min, mean, sample standard deviation, coefficient of variation, number below limit, number above limit
Chart	Curve, Bar chart, Trend Chart
Battery	2 pcs of 1.5V AA alkaline batteries
Minimum Measuring Area	Diameter 10mm
Minimum Thickness of Substrate	Fe : 0.20mm, NFe : 0.03mm
Standards/Certificates	CE, ROHS, ISO 2178, 2360, GB/T 4956-2003, 4957-2003
Dimension	Housing : 113 x 53 x 25 mm Wire : ⌀3.5 x 1000mm Probe : ⌀17 x 67 mm
Weight	200g
Warranty	12 months