

# COATING THICKNESS GAUGE

CX780



CX780 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.

The unit in-built 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  $\pm(2\%+1\mu\text{m})$ , resolution is up to 0.1µm.



## FEATURES

- High resolution 0.1µm
- High accuracy  $\pm(2\%+1\mu\text{m})$
- Measuring range is 0~5000µm
- Self-adaptive back light brightness
- Sound volume adjustable

## TECHNICAL SPECIFICATION

Probe Type	Internal
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	$\pm(2\%+1\mu\text{m})$
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	113 x 53 x 25 mm
Weight	90g
Warranty	12 months