

COATING THICKNESS GAUGE

CX800

CX800 thickness gauge can nondestructive measure the thickness of non-conductive coatings on metal surfaces and non-ferromagnetic metal coatings on ferromagnetic metals (e.g. iron, nickel, cobalt, etc.), including measuring the thickness of iron, stainless steel surface paint or galvanized layer, measuring the thickness of aluminum, copper surface paint or plastic film.

External sensor has magnetic induction and eddy current effect integrated probe, measuring range is 0~2000 μ m and measuring accuracy is $\pm(2\%+1\mu\text{m})$, resolution is up to 0.1 μ m.

FEATURES

- 2.4 inch color screen
- High resolution 0.1 μ m
- High accuracy $\pm(2\%+1\mu\text{m})$
- Measuring range is 0~2000 μ m
- Self-adaptive back light brightness
- Sound volume adjustable



TECHNICAL SPECIFICATION

Probe Type	External
Measurement Principle	Fe : Magnetic induction NFe : Eddy current
Measurement Range	0~2000 μ m
Resolution	0.1 μ m (0-100 μ m); 1 μ m (>100 μ m)
Accuracy	$\pm(2\%+1\mu\text{m})$
Units	μ m ,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 15mm
Minimum Thickness of Substrate	Fe : 0.20mm, NFe : 0.03mm
Standards/Certificates	CE, ROHS, ISO 2178, 2360, GB/T 4956-2003, 4957-2003
Operation environment	-10~50°C; 20~90%RH
Dimension	Housing : 146 x 76 x 32 mm Wire : \varnothing 3.5 x 1000mm Probe : \varnothing 17 x 67 mm
Weight	200g
Warranty	12 months