MWT-2100
Coating Thickness Gauge - Ferrous Datasheet

Coating thickness gauge for ferrous materials with a non-magnetic coating

Features

- Non-destructive coating thickness measurement
- Ideal for finishing industries using paints, enamels, electroplating and more
- Uses the principle of magnetic induction in accordance with ISO 2178, ASTM B499, GB/T 4956, JB/T 8393
- Measuring modes of single and continuous
- Backlit LCD display showing present reading and selected measuring parameters
- Measuring range of up to 1250µm
- Memory storage of up to 500 readings
- Automatic power off
- Test and calibration foils included



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Coating Thickness Gauge - Ferrous Specification

Test Method	Magnetic induction
Measuring Range (µm)	0-1250 (0 - 50 mil)
Resolution (µm)	0 - 999µm: 0.1 ≥1000µm: 1
Accuracy (µm)	0~100: ±2.0 101~1250µm: ≤ 2.5 %
Data Memory	500 readings
Display	Graphic LCD with backlight
Power Supply	3 x 1.5V AAA batteries
Operating Temperature (˚C)	0~50
Dimension (mm)	128 x 51 x 30 (digital gauge) 220 x 120 x 70 (in case)
Weight (g)	110 (digital gauge) 250 (in case)
Accessories	Thickness gauge, substrate, certification foils set, user manual, manufacturer certificate

Coating Thickness Gauge - Ferrous Specification

Code No.	Description	Application	Range (µm)
MWT-2100	Coating thickness gauge	Ferrous materials	0-1250