

Coating Thickness Gauge TIME2501



- Measures thickness of insulating coatings (enamel, rubber, plastics, paint, anodizing coatings, etc.) on non-magnetic (non-ferrous) metallic base (copper, aluminum, zinc, tin, etc.)
- Two measuring methods: continuous and single
- Two working mode: direct and batch
- Memory: 500 data
- Five statistical values: mean value (MEAN), maximum value (MAX), minimum value (MIN), measurement times (NO.) and standard deviation (S.DEV)
- Low voltage indication
- Display in μm or mil
- Backlight
- Optional micro printer

Technical Specification:

Work principle	Eddy current
Measuring range	0-1250 μm (0-49mil)
Resolution	0.1 μm
Zero point calibration	$\pm (3\%H+1)$
Two-point calibration	$\pm [3\% H+1]$ (H:0-99) $\pm [1\% H+1]$ (H:100-1250)

Min. curvature radius to be measured	Convex 3mm
Min. area diameter of the base	Ø5mm
Critical thickness of the base	0.3mm
Temperature	0°C to 40°C
Humidity	20%-90%
Power source	2×AAA1.5V batteries
Dimension	145×60×27mm
Weight	130g

Standard

accessories:

Operation manual

Calibration certificate

Main unit w N probe

Calibration foils

Substrate (aluminum)

Carrying case

Optional accessories:

TA230 mini printer

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