COATING THICKNESS GAUGE
ED-400

STANDARD

ISO 2360

ED400 Coating Thickness Gauge is used to measure the thickness of the insulating coating on nonmagnetic metals. It is mainly used to measure the anodic oxide coating on aluminum alloy profiles, aluminum composite panel and other aluminum workpieces. It can be used to measure the thickness of the insulating coating thickness on other non-ferrous metals and also can be used on paper and plastic foil.

It is suitable for quick non-destructive coating thickness measurement for production and engineering. It is used for production inspection, acceptance inspection and quality inspection.

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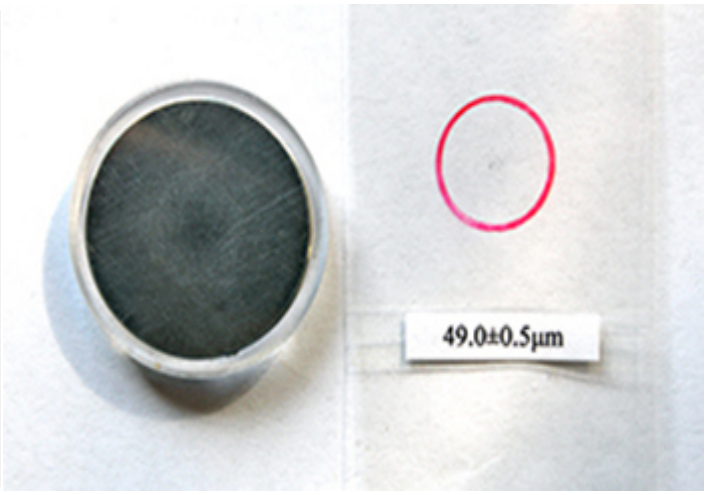
FEATURES

- **Wide Range:** Measuring range from 0 to 500µm.
- **High Accuracy:** Accuracy is up to 2%.
- **High Resolution:** Resolution is up to 0.1µm
- **Simple Calibration:** Only two calibration points, 0 and 50µm, which can ensure the accuracy within the whole measuring range.
- **Less Substrate Sensitive:** Less variation when the substrate material is changed from aluminum to different substrates such as aluminum alloys, copper and brass. The error is smaller than 2µm
- **Better Reliability**: With high integration and stability electronic components, circuit configuration is enhanced with better reliability.
- **Better Stability:** With advanced temperature compensation technology, measuring value drifts very slightly with the temperature. The calibration cycle is longer.



TECHNICAL SPECIFICATION

Name	Coating Thickness Gauge
Test Range	0-500μm
Accuracy	0-50μm: ±1μm ; 50-500μm: ±2%
Resolution	0-50μm: 0.1μm 50μm -500μm: 1μm 0-500μm: 1μm (optional)
Operating Temperature	5-45℃
Weight	280 gm
Dimension	150*80*30mm

STANDARD PACKAGE

Gauge including probe

Calibration Substrate
(6063 Aluminum Alloy)

Calibration Foil (1 pc)

Carrying Case