

TH-250 PLUS



APPLICATIONS:

The TH-250 Plus coating thickness gauge is designed for non-destructive measurement of coating and paint thickness on various substrates. It is integrated with Fe, NF, and Fe+Zn probes for accurate and versatile testing.

The Fe probe, based on the magnetic induction principle, measures non-magnetic coatings such as chrome, copper, zinc, varnish, or rubber on magnetic metal substrates.

The NF probe, using the eddy current principle, measures insulating coatings such as paint, anodizing, or ceramics on non-ferrous substrates like aluminum, copper, or brass.

The Fe+Zn probe automatically detects the presence of a galvanized layer on ferromagnetic materials for quick and precise evaluation.

TH-250 Plus is an ideal tool for coating inspection, quality control, and material testing across a wide range of applications.

FEATURES

- Portable, one hand use
- Fe&NF and Fe+Zn Probe
- Color dot matrix screen with backlight
- Single and Continuous measuring modes

TECHNICAL SPECIFICATIONS

Model	TH-250 PLUS
Probe	Fe&NF and Fe+Zn
Dimensions	124 x 31 x 23mm
Measurement range	0 ~ 1500 μ m or 0 ~ 59.1 mil
Minimum measurement area	6 x 6mm
Thinnest substrate thickness	0.4mm
Operating Temperature	Temperature -20 ~ 40 °C, Humidity: 20% ~ 90%RH (Keep away from areas with high magnetic field strength)
Accuracy	0~ 1000 μ m: $\pm$ (3%+1 μ m) or $\pm$ (3%+0.04mil); $\geq$ 1000 μ m: $\pm$ (5%+1 μ m) or $\pm$ (5%+0.04mil)
Unit	μ m, mil