Metrix+™
Innovative Excellence

COATING THICKNESS GAUGE

# COAT MEASURER F

*Reliable*

## Measuring principle

This instrument has an external probe which uses the principle of electromagnetic induction to measure the thickness of non-magnetic coatings on magnetic substrates.




## Applications

The Instrument is designed for non-destructively measuring the thickness of coatings on ferrous substrates. It can be used to measure thickness of paint, galvanizing layer, lacquer layer, porcelain enamel, phosphide layer, copper tile, etc.

## Features

- Backlit LCD Display.
- Zero-point calibration and multi-point calibration.
- Two measure modes: single and continuous.

## Technical Specifications

| Model | *Metrix+* Coat Measurer F |
|---|---|
| International Standard | It meets the standards of both ISO 2178 and ISO 2361 as well as DIN, ASTM and BS. |
| Measuring principle | Magnetic induction(F) |
| Display | 4 digits backlit LCD |
| Measuring range | 0 - 1250um (0 - 50mils) |
| Accuracy | ±1-3%n or ±2.5um |
| Resolution | 0.1um(0~99.9um); 1um(over 100um) |
| Units | um /mils |
| Minimum curvature radius | 3mm(convex)<br>50mm(concave) |
| Minimum measuring area | Diameter 8mm |
| Minimum thickness of substrate | 0.3mm |
| Additional features | Low Battery Indicator, Auto power off |
| Power supply | 4 x 1.5V AAA battery |
| Operation environment | Temperature: 0 to 50°C ; Humidity: < 95% |
| Size & Weight | 145mm × 65mm × 25mm; 145g(not including batteries) |
| Standard Accessories | Coating Thickness Gauge, F probe, '0' calibration block, standard foils, batteries, technical manual, hard carry case. |
| Optional Accessories | PC interface(cable and software) |

Model and Specifications subject to change without notice.