

COATING THICKNESS METER CM801



APPLICATION: The Fe function measure the thickness of non-magnetic materials (e.g. paint, plastic, porcelain enamel, copper, zinc, aluminum, chrome etc.) on magnetic Materials (e.g. Iron, nickel etc.). Often used to measure the thickness of galvanizing layer, lacquer layer, porcelain enamel layer, phosphide layer, copper tile, aluminum tile, some alloy tile, paper etc.

The NF function measure the thickness of non-magnetic coatings on non-magnetic metals. It is used on anodizing, varnish, paint, enamel, plastic coatings, powder, etc. applied to aluminum, brass, non-magnetic stainless steel, etc.

SPECIFICATION:

- Display: 4 Digit Display (10mm LCD)
- Measuring Range: 0~1350 μ m/0~53mil
- Accuracy: $\pm 2\sim 3\%$ n or $\pm 2.5\mu$ m or 0.1mil (Whichever is the greater)
- Resolution: 0.1 μ m (0~99.9 μ m), 1 μ m (over 100 μ m)
- Internal Probe
- Operating Principle: Magnetic Induction (F)
- Min. Measuring Area: 6 mm
- Min. Sample Thickness: 0.3mm
- Min. Radius Work piece:
 - Fe Type: convex 1.5mm/concave 25mm
 - NF Type: convex 3mm/concave 50mm
- Operating Temperature & Humidity: 0°C to 50°C, $\leq 80\%$ RH
- Calibration: Self Calibration
- Auto Power Off
- Battery Indicator: Low Battery Indication

- Power Supply: 2x1.5 AAA
- Buttons: 4 Buttons
- Display Size: 42 X 12 mm
- Weight: 90gm Excluding batteries
- Dimension: 115 x 57 x 26 mm
- Accessories: Operational Manual, Calibration Foil, Carrying case, Substrate block.

