MEXTECH™
INSTRUMENTS OF TOMORROW

CE RoHS

DIGITAL COATING THICKNESS METER CM801E (2000 µm)

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.

FEATURES:

- Min.Radius Work piece:
- FeType:convex1.5mm/concave25mm
- NFType:convex3mm/concave50mm
- Operating Temperature & Humidity: 0°C to 50°C, ≤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: 200gm Excluding batteries
- Dimension: 115 x 57 x 26 mm
- Accessories: Operational Manual, Calibration Foil, Carrying case, Substrate block.

SPECIFICATION:

- Display: 4 Digit Display (10mm LCD)
- Measuring Range: 0~2000µm/0~53mil
- Accuracy: ±2~3%n or ±2.5µm or 0.1mil (Whichever is the greater)
- Resolution: 0.1 um (0~99.9um), 1 um (over 100um)
- Operating Principle: Magnetic Induction (F)
- Min. Measuring Area: 6 mm
- Min. Sample Thickness:0.3mm