MEXTECH™
INSTRUMENTS OF TOMORROW

COATING THICKNESS METER CM801E

APPLICATION: The Fe function measure the thickness of non-magnetic materials (e.g. paint, plastic, por celain 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 la yer, 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 a nodizing, varnish, paint, enamel, plastic coatings, powder, etc. applied to aluminum, brass, non-magneti c stainless steel, etc.

SPECIFICATION:

- Display: 4 Digit Display (10mm LCD)
- Measuring Range: 0~1350µm/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
- 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,≤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.