

CM8811FN

Coating Thickness Gauge



Overview:

Coating Thickness Gauge CM8811FN is a highly intelligent and precise instrument used to quickly and accurately measure thickness of coating or plating on almost all kinds of metal surface.

It not only indicates thickness of coating or plating but also automatically identifies the base material.

It is applicable to measure non-magnetic painting, ceramic, enamel, plastic, rubber coating on magnetic base materials such as iron and steel , non- ferrous metal plating such as nickel & chromium, anticorrosive coating, non- conductive painting, plastic coating and anodic oxide film on non-magnetic conductive devices .

Function:

Measuring: Continuous and Single Measurement available

Display: Simultaneously display Measuring Value, Average Value, Maximum Value, Minimum Value and Standard Deviation

Memory: 80 data store

Unit: Metric/Imperial switchable (mil/um selectable)

Backlight: Brightness adjustable, clear and easy reading under any light condition

Alarm: Set higher and lower alarm range for measuring

Calibration: Zero-in, 2 points calibration and multi-point calibration selectable

Battery: Low battery indication

Language: English and Chinese selectable (customization for other languages available)

Data Delete: delete a single data or clear all the data

Specification

Range: 0-1250 μ m / 0-50mil

Resolution: 0.1 μ m/mil

Accuracy: $\pm(2\%+2\mu\text{m})$ / $\pm(2\%+0.1\text{mil})$

Display: TFT 320*240 LCD

Test Limits: Surface curvature: convex 1.5 mm / concave 7 mm

Minimum test surface: $\Phi 8\text{mm}$

Minimum thickness of base material: 0.4mm

Operation Condition(not in high magnetic field): Temperature: 0 $^{\circ}\text{C}$ ~40 $^{\circ}\text{C}$

Humidity: 20%RH-90RH

Packing:

Product Size: 166 x 68 x 30mm

Weight: 180g (batteries included)

Standard Individual Packing: Fe / NFe 2 in one probe x1

Plastic test shims x 1set

Calibration plates (Steel and Aluminum).

Instruction manual x 1

Carrying tool case x 1

Standard Carton Quantity: 30PCS

Standard Carton Size: 48.5*58.5*26mm

Standard Carton Gross Weight: 15kg



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