

Product details

Statistical Type Coating Thickness Gauge

Size: **CM-8856FN**

Applications:

The F probes measure the thickness of non-magnetic materials (e.g. paint, plastic, porcelain enamel, copper, zinc, aluminium, 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, aluminium tile, some alloy tile, paper etc.The N probes 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 DetailsAccessories

- * Can store the new data in 99 groups.
- * Two measuring methods: magnetic induction (F) and eddy current (N).
- * Two measurement mode: Single and Continuous (Notice: Continuous mode is convenient to measure the coating thickness of curved objects and tiny objects.)
- * Metric/imperial system selectable.
- * Manual or automatic shut down.
- * Auto memory of calibration value, and auto recognize the substrate.
- * Operation process have buzzing reminder, while no buzzing in continuous mode.
- * Use “USB data output” and “RS-232 data output” to connect with PC.
- * Provide “Bluetooth™ data output” choice.
- * Separate Type can provide several type probe, measure can be more flexibility.

Operating Principle	Magnetic Induction / Eddy Current (F / NF)
Measuring Range	0~1250 um / 0~50 mil
Resolution	0.1 um / 1 um
Min. Radius Workpiece	F Type: convex 1.5 mm / concave 25 mm NF Type: convex 3 mm / concave 50 mm
Min. Measuring Area	6 mm
Min. Sample Thickness	0.3 mm
Accuracy	± 1~3% or ± 2.5 um
Auto Power Off	
Metric / Imperial	Convertible
Battery Indicator	Low Battery Indicator
Operating Conditions	Temp. 0~40 °C, Humidity: 10~90 %RH
Power Supply	2 x 1.5 V AAA (UM-4) Battery
Dimensions	126 x 65 x 35 mm

Weight	81 g (Not Including Batteries)
--------	--------------------------------

Standard Accessories:

1. Main Unit
2. Probe (F Type / NF Type)
3. Calibration Base Set (F Type / NF Type) CTG-BS
4. Calibration Foils CTG-CF (1 set, 4 pieces)
5. Carrying Case
6. Operation Manual

Optional accessories:

1. USB, RS-232C data cable with software
2. Bluetooth data out put with software

