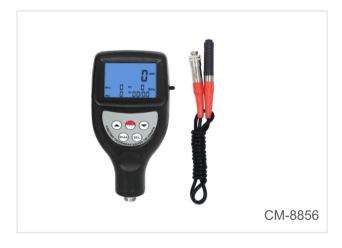
Coating Thickness Gauge (Statistical Type)





Principles

Principles	Applications	Examples
F Type Magnetic Induction (Iron Base)	Measure the thickness of non-magnetic materials on magnetic materials	Galvanizing layer, lacquer layer, porcelain enamel layer, phosphide layer, copper tile, aluminium tile, some alloy tile, paper etc
NF Type Eddy Current (Aluminium Base)	Measure the thickness of non-conductive coatings on non- magnetic metals	Anodizing, varnish, paint, enamel, plastic coatings, powder, etc. Applied to aluminum, brass, non-magnetic stainless steel, etc

Model: CM-8855 CM-8856

Applications & Features

Coating thickness gauge is a kind of portable testing instrument, can take fast, intact, precise measurement of coating thickness. It can be used in both engineering field, and laboratories, as an essential instrument in material protection industry.

- * Can store the new data in 99 groups.
- * Metric/imperial system selectable.
- * Manual or automatic power off.
- * Auto memory of calibration value, auto substrate recognition.
- * Use RS-232 data output to connect with PC.
- * Provide Bluetooth data output choice.

Specifications

Model	CM-8855	CM-8856	
Principle	F Magnetic Induction & NF Type Eddy Current		
Range	0~1250µm / 0~50mil		
Resolution	0.1µm / 1µm		
Accuracy	$\pm 1 \sim 3\%$ n or $\pm 2.5 \mu$ m		
Min. Radius Workpiece	F Type: convex 1.5 mm / concave 25 mm		
	NF Type: convex 3 n	nm / concave 50 mm	
Min. Measuring Area	6 mm		
Min. Sample Thickness	0.3 mm		
Metric / Imperial	\checkmark		
Battery Indicator	\checkmark		
Automatic Power Off	\checkmark		
Data Memory	99 Groups		
Operating Conditions	Temperature: 0~40°C		
	Humidity:	10~90%RH	
Power Supply	2x1.5V AAA (UM-4) Battery		
Dimensions	126x65x35mm		
Weight	81g (Not Including Batteries)		
Standard Accessories	CM-8855	CM-8856	
Main Unit	\checkmark	\checkmark	
Probe (F&NF Type)	Built-in	\checkmark	
Calibration Base (F)	\checkmark	\checkmark	
Calibration Base (NF)	\checkmark	\checkmark	
Calibration Foils	1 set, 5 pieces		

Calibration Foils	1 set, 5 pieces
Carrying Case	B04
Operation Manual	\checkmark
Optional Accessories	RS-232C Data Cable with Software
	Bluetooth Data Adapter with Software