

Features: It can be used both in the laboratory and in harsh field conditions.

- Performs two different method of calculating coating measurement by utilizing characteristic of both eddy current and magnetic induction both non-destructive and accurate.
- Can 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.
- * Can 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 aluminium, brass, non-magnetic stainless steel, etc.
- * Unique Integrated (Built in) probe Used to Measure "Fe" (ferrous) "nFe" (non-ferrous) substrates.
- Automatic substrate recognition.
- Manual or automatic shut down.
- Measurement mode: Single, Continuous & Differential Mode
- Wide measuring range and high resolution.
- Metric/Imperial conversion.
- Digital backlit display gives exact reading with no guessing or errors.



Model	Coat Gauge 'F'	Coat Gauge 'F+N' automatic recognition
Display	LCD Back light	LCD Back light
Operating Principle	Magnetic Induction (F)	Magnetic Induction(F)Eddy Current (NF)
Measuring Range	0~1800 um / 0~70.9 mil	0~1500um/ 0 ~ 59mil
Measuring Mode	Single, continually, Difference	
Resolution	0.1 um / 0.1 mil	
Accuracy	± 3% H or ± 1 um	
Calibration	Basic, Single point, Two points	
Indication Sound	Beep	
Min. Radius Workpiece	convexe 2 mm / concave 11 mm	NF Type: convexe 0.5 mm / concave 50 mm F Type: convexe 2 mm / concave 11 mm
Min. Measuring Area	12 mm	
Min. Sample Thickness	0.5 mm	
Certificates	CE	
Auto Power Off	3 minutes without any operation	
Metric / Imperial	Convertible um/mil	
Battery Indicator	Low Battery Indicator	
Operating Conditions	Temp. 0~40 °C, Humidity: 10~95 %RH No condensation	
Power Supply	2 x 1.5 V AAA (UM-4) Battery	
Dimensions	108 x 65 x 31 mm	
Weight	65 g (excluding Batteries)	
Accessories	'0' Calibration Block, Calibration Foil Set, Manual & carrycase	