

GENERAL INFORMATION

The coating thickness gauge works either on the magnetic induction principle or on the eddy current principle, depending on the type of probe used.

FEATURES

- Measures Coatings: Non-magnetic coatings (e.g. paint, zinc) on steel; Insulating coatings (e.g. paint, anodizing coatings) on non-ferrous metals
- Easy MENU driver operation
- Memory for 2500 readings
- Delete single reading and all group readings easily
- Error indication
- Disable Auto-Power-off function via MENU setting

APPLICATION

- This compact and handy gauge is designed for non-destructive, fast and precise coating thickness measurements. The principal applications lie in the field of corrosion protection. It is ideal for manufacturers and their customers, for offices and specialist advisers, for paint shops and electroplaters, for the chemical, automobile, shipbuilding and aircraft industries and for light and heavy engineering.
- The gauge is suitable for laboratory, workshop and outdoor use.
- The probe can work on both principles, magnetic induction and on the eddy current principle. One probe only is required for coating measurement both on ferrous and non-ferrous metal substrates. It is adaptable to specific tasks: i.e. they can be used on special geometries or on materials with special properties.

SPECIFICATIONS

Sensor probe	F	N
Working principle	Magnetic induction	Eddy current principle
Measuring range	0~2000µm 0~78.7mils	0~2000µm 0~78.7mils
Guaranteed tolerance (of reading)	0 ~ 1000 µm (±2%±2µm) 1000~ 2000 µm (±3.5%) 0~39.3mils (±2%±0.08 mils) 39.3~78.7mils (±3.5%)	0 ~ 1000 µm (±2%±2µm) 1000~ 2000 µm (±3.5%) 0~39.3mils (±2%±0.08 mils) 39.3~78.7mils(±3.5%)



Sensor probe	F	N
Precision	0~100µm (0.1µm) 100µm~1000µm (1µm) 1000µm~2000µm (0.01mm) 0~10mils (0.01 mils) 10~78.7mils (0.1 mils)	0~100µm (0.1µm) 100µm~1000µm (1µm) 1000µm~2000µm (0.01mm) 0~10mils (0.01 mils) 10~78.7mils (0.1 mils)
Minimum curvature radius	1.5mm	3mm
Diameter of Minimum area	7mm	5mm
Minimum measurable thickness	0.5mm	0.3mm
Overload display	---	---
Working temperature	0°C~40°C (32°F~104°F)	
Working relative humidity	20%~90%	

*Technical Specifications & Appearance are subject to change without prior notice