

## Coating Thickness Gauge IPX-201FN

Handheld coating thickness gauge with F- and N-probes for steel and non-ferrous substrates

### Features

- Clear 4 digit segment LCD display
- Magnetic induction / eddy current measuring principle
- Non-magnetic coating on ferrous substrates and insulating coating on non-ferrous conductible substrates
- Easy calibration



### TECHNICAL SPECIFICATION

Principle	F: Magnetic induction; N: Eddy current
Application	Non-magnetic coating on ferrous substrates
Display	4 digit segment LCD
Measuring range	0-1250 $\mu\text{m}$ / 0-50mil
Resolution	0-99.9 $\mu\text{m}$ , 0.1 $\mu\text{m}$ 100-1,000 $\mu\text{m}$ , 1 $\mu\text{m}$
Accuracy (n = nominal value)	$\pm (1\sim 3\%n)$ or $\pm 2.5\mu\text{m}$ or $\pm 0.1\text{mil}$
Measuring unit	$\mu\text{m}/\text{mil}$
Standard	ISO
Sample	
Min. radius workpiece	F: Convex 1.5mm / Concave 25mm N: Convex 3mm / Concave 50mm
Min. measuring area	6mm
Min. sample thickness	0.3mm
Battery indicator	Low battery voltage indicator
Operating temperature	0-50°C
Power supply	9V 6F22 battery (1 pc) (not included)
Dimensions	140mm x 71mm x 32mm
Weight	260gr

### Standard Delivery

- Main unit
- N-probe
- F-probe
- Calibration foil set
- Substrate block (aluminium)
- Substrate block (iron)
- Carrying case
- Manual
- INSPEX certificate

### Optional Accessories

- INSPEX calibration foils in various thickness
- UKAS calibration foils in various thickness
- Measuring range:  
 0-200 $\mu\text{m}$  / 0-8mil  
 0-500 $\mu\text{m}$  / 0-20mil  
 0-2000 $\mu\text{m}$  / 0-80mil  
 F: 0 up to 15000 $\mu\text{m}/600\text{mil}$   
 N: 0 up to 3000 $\mu\text{m}/120\text{mil}$   
 with different probes