

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 μm / 0 - 50mil
Resolution	0 - 99.9 μm , 0.1 μm 100-1,000 μm , 1 μm
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 μm / 0-8mil
0-500 μm / 0-20mil
0-2000 μm / 0-80mil
F: 0 up to 15000 μm /600mil
N: 0 up to 5000 μm /200mil
with different probes