



COATING THICKNESS GAUGE IPX-201F™

Handheld coating thickness gauge with F-probe for steel substrates

- Clear 4 digit segment LCD display
- Magnetic induction measuring principle
- Non-magnetic coating on ferrous substrates
- Easy calibration



Technical specifications

Principle	Magnetic induction
Application	Non-magnetic coating on ferrous substrates
Display	4 digit segment LCD
Measuring range	0 - 1000 μm with standard probe (15000 μm max/600mil max)
Resolution	0 - 99.9 μm , 0.1 μm 100-1.000 μm , 1 μm
Accuracy (n = nominal value)	$\pm (1 \sim 3\%n)$ or $\pm 2.5\mu\text{m}$
Measuring unit	$\mu\text{m}/\text{mil}$
Standard	ISO
Sample	
Min. radius workpiece	Convex 1.5mm Concave 20mm
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)
Dimensions	140mm x 71mm x 32mm
Weight	260gr incl. batteries

Standard delivery

- Main unit
- F-probe
- Calibration foil set
- 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
0 up to 15000 μm / 600mil
with different probes



COATING THICKNESS GAUGE IPX-201N™

Handheld coating thickness gauge with N-probe for non-ferrous substrates

- Clear 4 digit segment LCD display
- Eddy current measuring principle
- Insulating coating on non-ferrous conductible substrates
- Easy calibration



Technical specifications

Principle	Eddy current
Application	Insulating coating on non-ferrous substrates
Display	4 digit segment LCD
Measuring range	0 - 1000 µm with standard probe (15000µm max/600mil max)
Resolution	0 - 99.9µm, 0.1µm 100-1.000µm, 1µm
Accuracy (n = nominal value)	± (1~3%n) or ±2.5µm
Measuring unit	µm/mil
Standard	ISO
Sample	
Min. radius workpiece	Convex 1.5mm Concave 20mm
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)
Dimensions	140mm x 71mm x 32mm
Weight	260gr incl. batteries

Standard delivery

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

Optional accessories

- INSPEX calibration foils in various thickness
- UKAS calibration foils in various thickness
- Measuring range:
0-200µm / 0-8mil
0-500µm / 0-20mil
0-2000µm / 0-80mil
0 up to 15000µm / 600mil with different probes