

COATING THICKNESS GAUGE IPX-201FN™

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

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



Technical specifications

| | |
|---------------------------------|--|
| Principle | Magnetic induction/eddy current |
| Application | Non-magnetic coating on ferrous substrates Insulating coating on non-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) | $\pm (1\sim3\%n)$ or $\pm 2.5 \mu\text{m}$ |
| Measuring unit | $\mu\text{m}/\text{mil}$ |
| Standard | ISO |
| Sample | |
| Min. radius workpiece (F probe) | Convex 1.5mm Concave 20mm |
| Min. radius workpiece (N probe) | Convex 3mm Concave 40mm |
| 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 | 260g incl. batteries |

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
0 up to 15000 μm / 600mil with different probes

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