

Digital Precise Dry Film Thickness Gauge - Only Ferro

BGD 543-1

Product Description

BGD 543-1 Digital Precise Dry Film Thickness Gauge: only Ferro

Using magnetic induction or Eddy current, this electronic gauge offers precision thickness measurement of non magnetic coatings such as paints, zinc etc. on steel (F: ferrous probe), and insulating materials on non-ferrous substrates (FN: non-ferrous). The gauge is available with either integral or external F, N or dual FN probes. The FN probe features automatic substrate recognition to simplify operation.

We offer a wide range of thickness gauges to meet different clients' requests under different conditions.



Specifications:

- Type: With separate probe
- Operating principle: Only F
- Measuring range: 0-1250µm/0-50mil (optional: other ranges)
- Resolution: 0.1/1
- Accuracy: $\pm 1-3\%$ or $\pm 2.5\mu\text{m}$
- Min. radius work piece: F: Convex 1.5mm / Concave 25mm
- Minimum measuring area: 6 mm²
- Minimum sample thickness: 0.3mm
- Metric/ Imperial: Convertible

Technical Specification

- Power supply: 4×1.5V AA Battery
- Battery indicator: Low battery indicator
- Operating conditions: 0-40°C; 10-90%RH
- Dimension: 126×65×27mm
- Weight: 81g

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Main Technical Parameters

Standard delivery:

- Main unit
- F type probe
- F calibration base set
- Calibration foil set
- Carrying case
- Instruction manual

Ordering information: BGD 543-1 Digital Precise Dry Film Thickness Gauge: Only Ferro

Disclaimer

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