

Digital Precise Dry Film Thickness Gauge - Ferro & Non-Ferro (built-in probe)

BGD 542-2

Product Description

BGD 542-2 Digital Precise Dry Film Thickness Gauge: Ferro & Non-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: Built-in probes
- Operating principle: F&NF
- Measuring range: 0-1250 μ m/0-50mil (optional: other ranges)
- Resolution: 0.1/1
- Accuracy: \pm 1-3% or \pm 2.5 μ m
- Min. radius work piece: F: Convex 1.5mm / Concave 25mm;
N: Convex 3mm / Concave 50mm
- Minimum measuring area: 6 mm²
- Minimum sample thickness: 0.3mm
- Metric/ Imperial: Convertible



Technical Specification

- Power supply: 4 \times 1.5V AA Battery
- Battery indicator: Low battery indicator
- Operating conditions: 0-40 $^{\circ}$ C; 10-90%RH
- Dimension: 126 \times 65 \times 27mm
- Weight: 81g

Digital Precise Dry Film Thickness Gauge - Ferro & Non-Ferro (built-in probe)

BGD 542-2

Main Technical Parameters

Standard delivery:

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

Ordering information: BGD 542-2 Digital Precise Dry Film Thickness Gauge: Ferro & Non-Ferro

Disclaimer

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development