

Dry film thickness gauge

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.

Biuged offer many different types of thickness Gauges to meet with different clients' request under different conditions.



BGD 542 One-body



BGD 543 Separate probe

Specifications	BGD 542/1	BGD 542/2	BGD 542/3	BGD 543/1	BGD 543/2	BGD 543/3
Type	In built probes			With separate probes		
Operating principle	Only F	F&NF	Only NF	Only F	F&NF	Only NF
Measuring range	0-1250µm/0-50mil					
Resolution	0.1/1					
Accuracy	±1-3% or ±2.5µm					
Min. radius work piece	F: Convex 1.5mm/Concave 25mm; N: Convex 3mm/Concave 50mm					
Min. measuring area	6mm					
Min. sample thickness	0.3mm					
Metric/ Imperial	Convertible					
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					
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	√	√	√	√	√
Optional Accessories	Cable & software for RS-232C					