



## BGS Coating Thickness Gauge | for Iron and Non-Iron Metals

- for non-destructive measurements of the coating thickness
- suitable for non-magnetic coatings such as paint, enamel, chrome on ferrous metals and insulating coatings such as paint, anodized on non-ferrous metals
- LCD display with 128 x 128 dot matrix
- easy-to-understand menu navigation
- different measurement modes like single and continuous measurements
- probe modes like induction and eddy current
- group modes like direct (DIR), readings are lost on power off and general (GEN), readings are stored on power off
- 80 reading memory for each group
- zero and multi-point calibration (up to 4 points) for each group
- recall or delete individually stored readings and delete group readings
- statistics display for mean, minimum, maximum and deviation
- definable high or low limit alarm
- automatic shutdown function
- USB interface for data transfer
- low battery and error indicator
- accuracy (induction): +/- (2.5 % + 1  $\mu$ m)
- accuracy (Eddy Current): +/- (2 % + 0.039 mils)
- resolution: 0  $\mu$ m - 99.9  $\mu$ m (0.1  $\mu$ m) / 100  $\mu$ m - 999  $\mu$ m (1  $\mu$ m) / >1000  $\mu$ m (0.01 mm)
- minimum substrate thickness (induction): 0.2 mm
- minimum substrate thickness (eddy current): 0.05 mm
- minimum measuring surface:  $\varnothing$  20 mm
- maximum measurement rate: 2 readings per second
- power supply: 2x 1.5 V battery AAA
- operating humidity: 20 - 90%
- units of measurement:  $\mu$ m, mm, mils
- dimensions: 110 x 53 x 24 mm

Weight: 0,605 kg.