

CG304 Coating Thickness Tester with Bluetooth[®]



Extech's CG304 offers a non-destructive way of measuring the thickness of ferrous and non-ferrous substrates with auto recognition of the material being measured. Unique Bluetooth[®] interface feature wirelessly transmits measurement data to your PC for further analysis and to generate a documented report.

Applications:

- Automotive paint thickness to determine if car has been in an accident before
- Quality inspection and monitoring of the process of anodizing or galvanizing
- Suitable for paint manufacturers, painting inspectors, painters, and anti-corrosion painting contractors
- Machine tools manufacturers, pipeline industry, and aeronautical industry

Features

- Dual Technology provides automatic recognition of ferrous and non-ferrous substrates
- Magnetic induction for ferrous substrates
- Eddy current measurement for non-ferrous substrates
- Easy-to use menu system
- Dot matrix LCD display with backlight and contrast
- Memory stores 2500 readings in 50 groups with 50 readings in each group
- Zero-point calibration function
- Bluetooth interface includes software
- Complete with two AAA batteries, software, hard case, Steel and Aluminum substrates, and standard films for calibration

| Specifications | Ferrous | Non-Ferrous |
|--------------------------|---|-------------------------------------|
| Working Principle | Magnetic Induction | Eddy Current |
| Measuring Range | 0 to 2000µm 0 to 78.7mils | 0 to 2000µm 0 to 78.7mils |
| Accuracy | ±(2%+2µm) ±3.5% (1000 to 2000µm) | ±(2%+2µm) ±3.5% (1000 to 2000µm) |
| Resolution | 0.1µm (0.01mils) | 0.1µm (0.01mils) |
| Minimum Curvature Radius | 1.5mm (59.06mils) | 3mm (118.1mils) |
| Minimum Diameter | 7mm (275.6mils) | 5mm (196.9mils) |
| Minimum Thickness | 0.5mm (19.69mils) | 0.3mm (11.81mils) |
| Dimensions /Weight | 4.7 x 2.4 x 1.25" (120 x 62 x 32mm)/6.17oz (175g) | |

Ordering

CG304 Coating Thickness Tester
 CG304-REF..... Calibration References

