EXTECH® INSTRUMENTS

PRODUCT DATASHEET

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
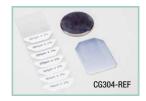- Machine tools manufacturers, pipeline industry, and aeronautical industry

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 2000µm
	0 to 78.7mils	0 to 78.7mils
Accuracy	±(2%+2µm)	±(2%+2µm)
	±3.5% (1000 to 2000µm)	±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

CG304-REF

CE

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