EXTECH®

PRODUCT DATASHEET

CG104 Coating Thickness Tester



Extech's CG104 offers a quick, one-handed operation, non-destructive measurement of the thickness of ferrous and non-ferrous substrates. Its unique reversible display allows you to take readings in challenging angles of area being measured.

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 (iron and steel) and non-ferrous (copper, aluminum, zinc, bronze, brass, etc) substrates
- Magnetic induction for ferrous substrates
- Eddy current measurement for non-ferrous substrates
- Easy-to-use menu system
- 180° reversible LCD display with LED backlight
- Store/recall up to 255 measurements
- Audible high/low limit alarms
- Substrate Zeroing and two-point calibration function
- Record/Recall Min/Max/Average readings
- Auto-Hold freezes the reading on the display
- Auto power off and low battery indicator
- Complete with two AAA batteries, calibration standards (one ferrous plate, one non-ferrous plate, and one standard coating plate film), wrist strap, and soft case



Specifications	Ferrous	Non-Ferrous
Working Principle	Magnetic Induction	Eddy Current
Measuring Range	0 to 2000µm (0 to 80.0mils)	0 to 1000µm (0 to 40.0mils)
Resolution	1µm (0.1mils)	1µm (0.1mils)
Basic Accuracy	±4 digits (0 to 7.8mils); ±10 digits (o to 199µm) ±3% (7.9 to 39.0mils); ±3% (200µm to 1000µm) ±5% (39.1 to 80.0mils); ±5% (1001µm to 2000µm)	±4 digits (0 to 7.8mils); ±10digits (0 to 199µm); ±3% (7.9 to 39.0mils); ±3% (200µm to 1000µm);
Dimensions/ Weight	4.1x2.2x1.1" (105x55x27mm)/ 2.82oz (80g)	

Ordering

CG104 ..... Coating Thickness Tester
CG104-REF..... Calibration References (one ferrous plate, one non-ferrous plate, and one film)

CE

UPC Code: 793950151044

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