Coating Thickness Gauge

Model **R7800**

TRACEABLE

Features

- Automatically detects ferrous and non-ferrous substrates
- Easy-to-read color LCD display
- 360° screen rotation allows users to view measured readings from any angle
- Durable gauge and probe construction
- Zero and two-point calibration ensures measurement accuracy
- Single or multi-point mode allows a user to set tolerances and quickly identify whether a coating passes or fails
- Tri-color LEDs quickly indicate when measurements are below (red), above (yellow) or within set parameters (green)
- Internal memory stores up to 500 groups of data
- View stored data, charts or real-time measurement with included software
- Low battery indication and auto shut off
- Includes ferrous substrate, non-ferrous substrate,
 5 reference films, USB cable, software, wrist strap,
 sensor cover, batteries and hard carrying case

Tri-color LEDs quickly indicate when measurements are below (red), above (yellow) or within set parameters (green)







Specifications

Measuring Range:

Accuracy

Resolution:

Measurement Modes: Display: Resolution: Backlit Display: Min/Max/Average Readings: Minimum Curvature Radius: Minimum Area Diameter:

0 to 1250µm 0.1 to 49.2mils O to 1250µm: ±3% +1µm 0 to 49.21 mils: ±3% +0.04mils O to 99.9µm: 0.1µm 100 to 1250µm: 1µm O to 4.99mils: 0.01mils 5.0 to 49.2mils: 0.1mils Single and Continuous 4-digit color LCD display 320 x 240 pixels Yes (5 levels) Yes 5mm (196.85mils) 20mm (787.40mils)



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TECHNICAL DATA

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TECHNICAL DATA



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Minimum Substrate Thickness: Auto Shut-Off: Low Battery Indicator: Power Supply: Internal Memory: PC Connectivity: Software: Product Certifications: Refresh Rate:

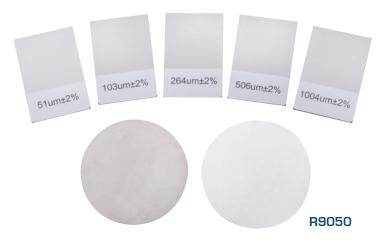
Operating Temperature: Storage Temperature: Operating Humidity Range: Dimensions:

Weight:

0.5mm (19.69mils) Yes (After 5 minutes) Yes 2 x AA Batteries Yes (Up to 500 groups) **USB** Cable Yes CE 0.5 seconds (continuous mode) 32 to 104°F (0 to 40°C) 4 to 140°F (-20 to 60°C) ≤80%RH 5.9 x 2.6 x 1.38" (152 x 65 x 35mm) 6.35oz (180g)



360° screen rotation allows users to view measured readings from any angle



Model	Description
R7800	Coating Thickness Gauge
CA-52A	Soft Carrying Case
R8888	Hard Carrying Case
R9050	Coating Thickness Calibration Kit
R7800-NIST	Coating Thickness Gauge with NIST

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