

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
- Integral probe measures non-magnetic and non-conduc-tive coatings on steel substrates

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



Specifications

| | |
|---------------------------|---|
| Measuring Range: | 0 to 1250µm 0.1 to 49.2mils |
| Accuracy | 0 to 1250µm: ±3% +1µm 0 to 49.21mils: ±3% +0.04mils |
| Resolution: | 0 to 99.9µm: 0.1µm 100 to 1250µm: 1µm 0 to 4.99mils: 0.01mils 5.0 to 49.2mils: 0.1mils |
| Measurement Modes: | Single and Continuous |
| Display: | 4-digit color LCD display |
| Resolution: | 320 x 240 pixels |
| Backlit Display: | Yes (5 levels) |
| Min/Max/Average Readings: | Yes |
| Minimum Curvature Radius: | 5mm (196.85mils) |
| Minimum Area Diameter: | 20mm (787.40mils) |

TECHNICAL DATA

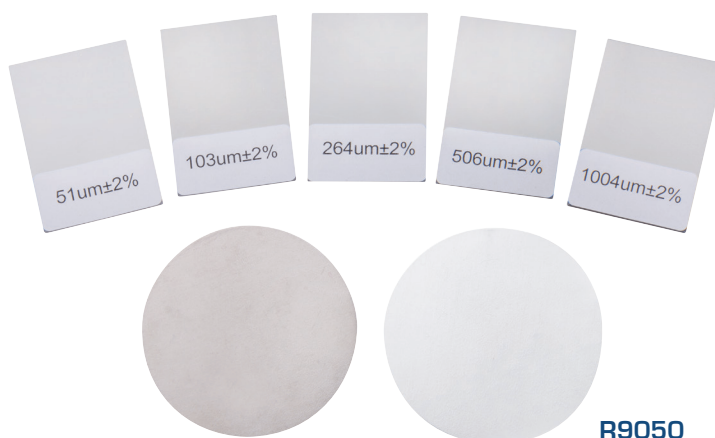


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TECHNICAL DATA



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



R9050

| | |
|------------------------------|--|
| Minimum Substrate Thickness: | 0.5mm (19.69mils) |
| Auto Shut-Off: | Yes (After 5 minutes) |
| Low Battery Indicator: | Yes |
| Power Supply: | 2 x AA Batteries |
| Internal Memory: | Yes (Up to 500 groups) |
| PC Connectivity: | USB Cable |
| Software: | Yes |
| Software OS Compatibility: | Windows 7/8/10/11 |
| Product Certifications: | CE |
| Refresh Rate: | 0.5 seconds (continuous mode) |
| Operating Temperature: | 32 to 104°F (0 to 40°C) |
| Storage Temperature: | 4 to 140°F (-20 to 60°C) |
| Operating Humidity Range: | ≤80%RH |
| Dimensions: | 5.9 x 2.6 x 1.38" (152 x 65 x 35mm) |
| Weight: | 6.35oz (180g) |

| 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 |