



R9050

Features

- Magnetic induction for ferrous substrates
- Eddy current measurement for non-ferrous substrates
- Easy-to-read backlit LCD display
- One or two point calibration
- Zero adjustment button
- Memory stores up to 400 readings
- User adjustable high/low alarms
- Min/Max and Average functions
- USB interface includes software
- Low battery indicator and auto shut off
- Includes calibration iron, calibration aluminum, reference films, USB cable, software, batteries and hard carrying case

TECHNICAL DATA

Specifications

Measuring Ranges:	0 to 1250μm 0 to 49.21mils
Accuracy:	0 to 850μm: ±3% +1μm 850 to 1250μm: ±5% 0 to 33.46mils: ±3% +0.039mils 33.46 to 49.21mils: ±5%
Resolutions:	0 to 50μm: 0.1μm 50 to 850μm: 1μm 850 to 1250μm: 0.01mm 0 to 1.968mils: 0.001mils 1.968 to 33.46mils: 0.01mils 33.46 to 49.21mils: 0.1mils
Measurement Modes:	Single and Continuous
Display:	LCD
Backlit Display:	Yes
Min/Max/Average Readings:	Yes
Zero Button:	Yes
Minimum Curvature Radius:	Ferrous: 1.5mm (59.06mils) Non-Ferrous: 3mm (118.1mils)
Minimum Area Diameter:	Ferrous: 7mm (275.6mils) Non-Ferrous: 5mm (196.9mils)
Minimum Substrate Thickness:	Ferrous: 0.5mm (19.69mils) Non-Ferrous: 0.3mm (11.81mils)
Auto Shut-off:	Yes (after 3 mins, off)
Low Battery Indicator:	Yes
Power Supply:	2 AAA Batteries
Internal Memory:	Yes (up to 400 readings)
PC Connectivity:	USB Cable
Software:	Yes (Included)
OS Compatibility:	Windows XP / Vista / 7
Product Certifications:	CE
Operating Temperature:	32 to 104°F (0 to 40°C)
Storage Temperature:	-4 to 140°F (-20 to 60°C)
Operating Humidity:	20 to 90%
Dimensions:	4.7 x 2.4 x 1.25" (120 x 63 x 32 mm)
Weight:	6.17oz (175g)

Model	Description
ST-156	Coating Thickness Gauge
R9050	Coating Thickness Calibration Kit
CA-52A	Soft Carrying Case
R8888	Deluxe Hard Carrying Case
ST-156-NIST	Coating Thickness Gauge & NIST