

Elcometer 550

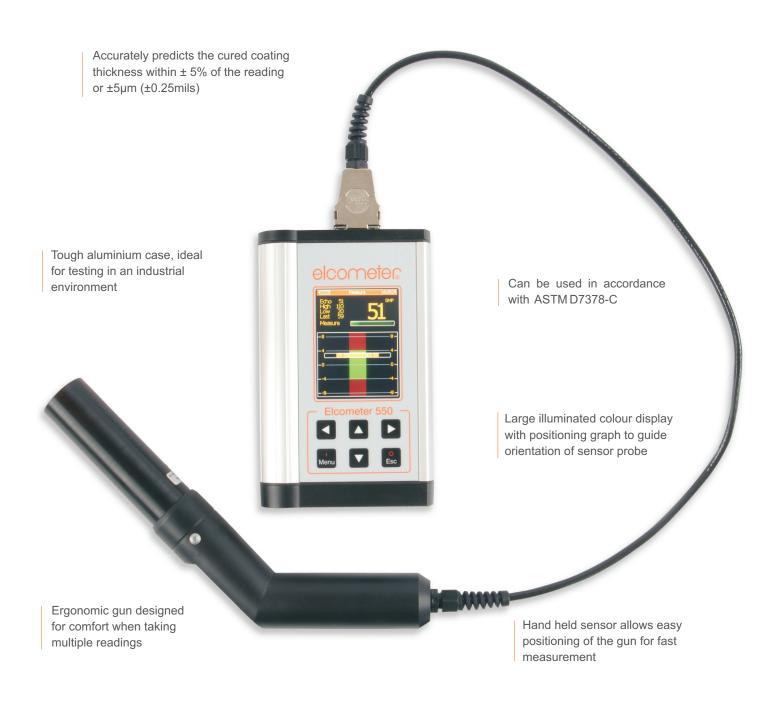
Non-Contact Powder Thickness Gauge



Elcometer 550 Non-Contact Powder Thickness Gauge

By carefully controlling the thickness of powder applied to a product, you can minimise your powder usage and ensure the quality of your coating. As contact measurement solutions damage the finish and do not predict the cured coating thickness, measuring the powder thickness pre-cure requires a non-contact solution.

Using third generation proven airborne ultrasonic technology, the new Elcometer 550 accurately predicts cured coating thickness by non-contact measurement of coating powders











Easy to Use

- Easy to read, large colour display
- Adjustable screen brightness for all test conditions
- Ergonomic probe ideal for continuous testing
- Can be used straight out of the box with minimal set up time
- On-screen guidance graph and handle LEDs help you orientate the probe sensor for fast, accurate measurements

Reliable

- Fast, accurate and repeatable results
- Can be used in accordance with ASTM D7378-C
- Proven, 3rd Generation, airborne ultrasonic technology
- User-programmable setup to account for varying powder shrinkage rates

Enhanced Technology

- Measure thicknesses from 30 110µm (1.18 4.4mils)
- 1mm² (0.04 sq in) measurement area ideal for flat, curved and small surfaces
- Test coatings on a wide range of substrates, including metal, wood, MDF, plastic and pre-coated surfaces

Part Number	Description
A5504	Elcometer 550 Non-Contact Powder Thickness Gauge
Display	3½ inches (90mm) QVGA Colour LCD
Power Supply	Rechargeable NiMh battery, up to 7 hours continuous use
Measurement Range	30 - 110μm (1.18 - 4.4mils)
Resolution	1μm (0.04mils)
Measurement Accuracy	±5µm (±0.25mils) or ±5% of the coating thickness, whichever is greater
Measurement Offset Distance	~16mm (0.63") from the coated substrate
Measurement Area	1mm² (0.04sq in)
Operating Temperature Range	10°C to 35°C (50°F to 95°F)
Units	μm / mils switchable
Dimensions	115 x 185 x 35mm (4.6 x 7.4 x 14")
Weight	900g (1.9lbs)
Packing List	Elcometer 550 Gauge with rechargeable battery, universal charger unit and cable, sensor gun and lead, shoulder harness, reference block, USB-PC transfer cable, carry case, calibration certificate and operating instructions
Can be used in accordance with:	
ASTM D7378-C	

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