TQC sheen

TQC Sheen Coating Thickness Gauge for All Substrates (PosiTector® 200 Series)

INDUSTRIAL PHYSICS

Protecting
Product Integrity

TQC Sheen Coating Thickness Gauge for All Substrates (PosiTector® 200 Series)

The TQC Sheen Coating Thickness Gauge (PosiTector® 200 Series) delivers precise, non-destructive measurement on non-metal substrates including wood, plastic, concrete, composites, and fiberglass. Compact and versatile, it's a trusted solution for coating professionals.

Non-Destructive Coating Precision Across Substrates

Using advanced ultrasonic technology, the PosiTector® 200 provides highly accurate thickness measurements without damaging the surface. It supports a wide range of industries where coatings are applied to non-metal substrates.

Reliable Measurement for Multi-Layer Systems

Standard models measure total coating thickness, while advanced models can analyze up to three individual layers within a system. A graphic readout supports detailed coating analysis, making the gauge ideal for precise quality control and compliance with ASTM D6132 and ISO 2808 standards.

Ready to Measure, Built to Last

Most applications require no calibration adjustments, allowing for immediate use. The instrument features a rugged, IP65-rated enclosure, an impact-resistant color touchscreen, and an intuitive keypad for quick navigation. Designed for simplicity and durability, it ensures accurate results in demanding environments.

How the Coating Thickness Gauge Improves Your Testing Process

Efficient Quality Control: Ultrasonic technology delivers reliable results without harming the surface.
Adaptable Testing: Measures coatings on a wide range of non-metal substrates, including multi-layer systems.
Data Management: USB, WiFi, and Bluetooth connectivity with PosiSoft software for streamlined reporting.
Trusted Compliance: Conforms to ASTM D6132 and ISO 2808.

Features:

- Ready to measure with no calibration adjustments required.
- Weatherproof, dustproof, and IP65-rated enclosure.
- Ultrasonic transducers deliver fast, precise measurements.
- Supplied with Certificate of Calibration traceable to NIST or PTB.
- Measures coatings on wood, concrete, plastics, composites, and fiberglass.
- Advanced models measure up to three individual layers in a multi-layer system.
- USB, WiFi, and Bluetooth connectivity for seamless data transfer.
- Stores up to 250,000 readings in organized batches.

Technical Specification:

Measurement Range (Polymer Coatings, B1/B3):	13 – 1000 µm (0.5 – 40 mils)
Measurement Range (C1/C3):	50 – 3800 µm (2 – 150 mils)
Measurement Range (D1/D3):	50 – 7600 µm (2 – 300 mils)
Accuracy:	± (2 µm + 3% of reading) / ± (0.1 mil + 3% of reading)
Display:	2.8" impact-resistant color touchscreen
Connectivity:	USB, WiFi, Bluetooth
Power:	3 × AAA batteries (20 + hours operation)
Enclosure:	IP65-rated, weatherproof and dustproof
Storage (Standard):	1,000 readings per probe
Storage (Advanced):	250,000 readings in up to 1,000 batches
Standards:	ASTM D6132, ISO 2808
Dimensions:	152 × 61 × 28 mm
Weights:	140 g (without batteries)

Model options:

Model	Type	SKU	Measurement range	Layers measured	Display	Storage capacity
PosiTector 200 B1	Standard	LD0210	3 – 1000 µm (0.5 – 40 mils)	Total thickness	No graphic display	1,000 readings per probe
PosiTector 200 B3	Advanced	LD0211	13 – 1000 µm (0.5 – 40 mils)	Up to 3 layers	Graphic display	250000 readings in batches
PosiTector 200 C1	Standard	LD0212	50 – 3800 µm (2 – 150 mils)	Total thickness	No graphic display	1,000 readings per probe
PosiTector 200 C3	Advanced	LD0213	50 – 3800 µm (2 – 150 mils)	Up to 3 layers	Graphic display	250000 readings in batches
PosiTector 200 D1	Standard	LD0214	50 – 7600 µm (2 – 300 mils)	Total thickness	No graphic display	1,000 readings per probe
PosiTector 200 D3	Advanced	LD0215	50 – 7600 µm (2 – 300 mils)	Up to 3 layers	Graphic display	250000 readings in batches

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