

TQC Powder Coating Meter

LD5820

Datasheet

Product description The TQC PowderChecker XP measures uncured powder coatings using ultrasonic technology to automatically calculate and display a predicted cured thickness.



Standards

ASTM D7378

Application area's

- coatings industry
- laboratory

Technical data

Specifications

Range	20 – 110 μm (0.8 – 4.3 mils)
Resolution	1 μm (0.05 mils)
Accuracy	$\pm 5 \mu\text{m}$ (± 0.2 mils)
Measurement Time	2 – 5 seconds
Measurement Distance to Powder	18 mm (0.75 inch)
Measurement Area	2 mm (0.08 inch)

Base Unit

Size	146 x 64 x 31 mm (5.75" x 2.5" x 1.2")
Weight	165 g (5.8 oz.) without batteries

Probe

Size	222 x \varnothing 50 mm (8.75" x \varnothing 2.0")
Weight	272 g (9.6 oz.) without batteries

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Features

- Hand-held, battery operated .
- No calibration adjustment required for most powders
- Shock absorbing protective rubber holster with belt clip and magnetic mount
- Wireless probe communicates with base unit up to 10m (30 ft.) away.
- No cable to risk disturbing powder
- USB mass storage of 1,000 readings in up to 100 batches
- No download software required
- Meter generates formatted reports with measurement summaries and charts
- USB port for fast and easy connection to a PC and to supply continuous power
- Two year warranty on both base unit and probe

Standard Delivery

Instrument comes with base unit and probe, protective rubber holster with belt loop and magnetic mount, probe fixture, 3 AAA batteries (base unit), 3 AA batteries (probe), instructions, instructional video, replacement probe screen, USB cable, carabiner and wrist strap, durable carrying case, two (2) year warranty.

Disclaimer

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