

PosiTector® **PC**

Powder Checker

Non-contact Uncured
Powder Thickness Gage



Affordably measures uncured powder coatings using non-contact ultrasonic technology to automatically calculate and display a predicted cured thickness.



DeFelsko®
The Measure of Quality

PosiTector® **PC** Powder Checker

Non-contact coating thickness gage measures uncured powder and predicts cured thickness.

Simple

- Hand-held, battery operated
- No calibration adjustment required for most powders
- Thickness results appear on both base unit and probe
- Bi-color indicator light—ideal in a noisy environment

Durable

- Solvent, acid, oil, water and dust resistant—ideal for powder coating environments
- Shock-absorbing, protective rubber holster with belt loop and magnetic mount for easy storage
- Replaceable screen protects the probe
- Two year warranty on both base unit and probe

Accurate

- Conforms to ASTM D7378
- Advanced new technology allows measurement on small tubes, odd shapes and moving parts
- Easy calibration adjustment options improve accuracy on unusual powders or substrates

Versatile

- Wireless probe communicates with base unit up to 10m away (30 feet). No cable to risk disturbing applied powder
- Selectable display languages
- Backlit displays for dim or dark environments
- Long battery life—uses standard alkaline batteries

Powerful

- Continually displays/updates basic statistics including min/max and average
- USB Mass Storage of 1,000 readings in up to 100 batches
- Built-in IR port for printing stored results to an optional wireless printer
- USB port for fast and easy connection to a PC and to supply continuous power
- No download software required—gage generates formatted reports with measurement summaries and charts
- Live measurement results can be sent to a data collector or spray booth controller



Specifications	
Range	20–110 μm (0.8–4.3 mils)
Resolution	1 μm (0.05 mils)
Accuracy	$\pm 5\mu\text{m}$ (± 0.2 mil)
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

GAGE COMES COMPLETE

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.



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