



TQC Sheen PosiTest PC Powder Checker

TQC Sheen PosiTest PC Powder Checker

The TQC Sheen PosiTest PC Powder Checker is a fast, accurate, non-contact ultrasonic gauge for measuring uncured powder coatings. By predicting cured thickness, it helps operators correct issues before curing, saving time and reducing waste. Designed by TQC Sheen, our paint testing specialist brand, this portable device is built for demanding environments and complies with multiple international standards.

Ready for Action

This dedicated, stand-alone unit is ready to measure straight out of the box. Its innovative sensor technology enables inspection of small tubes, odd-shaped components, and moving parts on production lines. With automatic scan mode, it continuously captures readings across large areas—ideal for fast-paced operations.

Clear, Portable, and Durable

A high-contrast digital display with adjustable brightness ensures results are easy to read, while the Target Grid simplifies alignment and distance measurement. Lightweight, hand-held, and battery-operated, the PosiTest PC is ergonomically designed for portability and resistant to solvents, acids, oils, water, and dust. Each unit comes with a hard-shell case, replaceable sensor screen, and a two-year warranty.

Easy Calibration and Data Management

No calibration is required for most powders, but one- and two-point adjustments with Cal Reset optimize accuracy for unusual substrates. The instrument stores up to 999 readings with averaging, and results can be transferred via USB to PosiSoft Desktop software. The USB port also provides continuous power and quick integration with PCs or PLCs.

Complete Testing Solution

Each kit includes the PosiTest PC uncured powder thickness gauge, a choice of dry film thickness gauge, and two DeFelsko Powder Combs (Models 1 and 4). Six preconfigured kits are available, or you can build your own.

Supporting ASTM D2240, DIN 53505, ISO 7619-1, ISO 7619-2, and ISO 868 standards, the PosiTest PC delivers confidence in coating quality from application through to performance.

Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Ordering Information:

Catalog Number Article Description

LD5825	PosiTest PC Powder Checker
--------	----------------------------

Features:

- Rapid powder checker measurements
- Meets international standards
- Clear digital display
- Hand held and battery operated
- Powder checker scanning mode
- Robust build for harsh environments
- Storage for 999 readings
- No fuss calibration

Technical Specification:

Power cable:	No cable to reduce risk of disturbing applied powder
Units of measurement:	Mils/microns switchable
Range:	20 – 100 μm (0.8–4.0 mils)
Resolution:	1 μm (0.1 mils)
Accuracy:	$\pm 5 \mu\text{m}$ (± 0.2 mils)
Measurement Time:	1–3 seconds
Measurement Distance to Powder:	19 mm (0.75 in)
Measurement Area:	2 mm (0.08 in)

Contact Details

web. www.industrialphysics.com

email. info@industrialphysics.com