

PosiTest[®] **PC** Powder Checker

Non-contact Uncured Powder Thickness Gage

Affordably measures uncured powder coatings using non-contact ultrasonic technology to predict a cured thickness.



Fast measurement speed for moving lines and swinging parts

TSISystem

Mariánské náměstí 1 617 00 Brno Česko
+420 545 129 462 info@tsisystem.cz
www.tsisystem.cz

DeFelsko[®]
The Measure of Quality

PosiTest[®] PC

Powder Checker

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

Features...

Simple

- Dedicated stand-alone unit is ready to measure right out of the box
- Up to 4x faster measurement speed[†] — ideal for moving lines and swinging parts
- Easy-to-read digital display with a simple, icon based menu
- Hand-held, battery operated
- Ergonomic and lightweight
- No calibration adjustment required for most powders
- Target Grid simultaneously displays distance to the part and alignment, making measurements easy
- RESET feature instantly restores factory settings

Durable

- Solvent, acid, oil, water and dust resistant — ideal for harsh powder coating environments
- Hard-shell carrying case included
- Replaceable screen protects the sensor
- Two year warranty

Accurate

- Conforms to ASTM D7378
- Improved sensor technology allows easier measurement on small tubes, odd shapes and moving parts
- Easy 1 and 2 point calibration adjustment options with *Cal Reset* to improve accuracy on unusual powders or substrates

Versatile

- No cable to risk disturbing applied powder
- Mils/microns switchable
- High contrast color display
- Adjustable display brightness for optimal visibility in any environment
- Toggle sound On and Off
- Uses alkaline or rechargeable batteries
- Measures nearly any powder on unblasted substrates

Powerful

- Storage of 999 readings with onscreen averaging. Stored readings can be downloaded to PosiSoft Desktop software
- Scan Mode continuously takes measurements — ideal for analyzing large areas
- USB Keyboard Mode emulates keystrokes to easily stream readings to a PC or PLC
- USB port for fast, simple connection to a PC and to supply continuous power
- Software updates keep your instrument current

[†] Versus the previous generation PosiTector PC Powder Checker



PosiTest PC Introductory Video
Measuring Uncured Powder Coating Thickness with the all-new PosiTest PC



Target Grid simultaneously displays distance to the part and alignment, making measurements easy

Specifications

Range*	20 – 100 μm (0.8–4.0 mils)
Resolution	1 μm (0.1 mil)
Accuracy	$\pm 5 \mu\text{m}$ (± 0.2 mil)
Measurement Time	1–3 seconds
Measurement Distance to Powder	19 mm (0.75 inch)
Measurement Area	2 mm (0.08 inch)

* Based on TGIC-Free polyester powder.



GAGE COMES COMPLETE

with probe Zero Fixture, 4 AAA batteries, flat-head screwdriver, instructions, replacement probe screen, protective lens shield, USB cable, hard shell case, two (2) year warranty

Size: 241 x 64 x 51 mm
(9.5" x 2.5" x 2.0")

Weight: 180 g (6.4 oz.)
without batteries

Ordering Guide

PosiTest PC	PC
-------------	----

Conforms to ASTM D7378

Powder Inspection Kits

Complete solutions for measuring powder coating before and after cure

Each kit contains:

- PosiTest PC Uncured Powder Thickness Gage
- Choice of dry film thickness gage
- Two DeFelsko Powder Combs (models 1 and 4)

Select from 6 pre-configured kits or build your own at www.defelsko.com/PCKits



DeFelsko[®]
Inspection Instruments

DeFelsko Corporation • 800 Proctor Ave., Ogdensburg, New York 13669-2205 USA
Toll Free 1-800-448-3835 • Tel: +1-315-393-4450 • Fax: +1-315-393-8471
www.defelsko.com • E-mail: techsale@defelsko.com

© 2022 DeFelsko Corporation USA. All Rights Reserved. Technical Data subject to change without notice. Printed in USA. PPCv.LW-W2207


de in U.S.A.