

# twilight

INSTRUMENTOS DE MEDICIÓN INDUSTRIAL

## **Kit de inspección para pintura en polvo antes de curado, DeFelsko DF-PCB**

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# PosiTest<sup>®</sup> **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*

**DeFelsko<sup>®</sup>**  
The Measure of Quality

# PosiTest<sup>®</sup> 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<sup>†</sup> — 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

#### 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

<sup>†</sup> 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

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

<b>PosiTest PC</b>	PC-B
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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](http://www.defelsko.com/PCKits)



**DeFelsko**<sup>®</sup>  
Inspection Instruments

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