

# 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

## 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

|                                |                            |
|--------------------------------|----------------------------|
| Range*                         | 20 – 100 µm (0.8–4.0 mils) |
| Resolution                     | 1 µm (0.1 mil)             |
| Accuracy                       | ±5 µm (±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-B |
|-------------|------|

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

