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

**Durable**
- Solvent, acid, oil, water and dust resistant—ideal for powder coating environments
- Shock-absorbing, protective rubber holster with belt clip
- Replaceable screen protects the probe
- Two year warranty on both gage body and probe

**Accurate**
- Conforms to ASTM D7378
- Allows measurement on small tubes, odd shapes and moving parts
- Easy calibration adjustment options to improve accuracy on unusual powders or substrates

**Versatile**
- Wireless probe communicates with Advanced gage body up to 10m away (30 feet). No cable to risk disturbing applied powder
- Selectable display languages
- Hi Contrast backlit display for bright or dark environments
- Uses alkaline or rechargeable batteries (built-in charger)
- PosiTector PC accepts all PosiTector probes easily converting from measuring uncured powder to cured dry film thickness, surface profile, and more.

**Powerful**
- Hi Contrast reversible color LCD
- Real time graphing, picture prompting and more
- Batch annotation—add notes and change batch names with onscreen QWERTY keyboard
- WiFi technology wirelessly synchronizes with PosiSoft.net, downloads software updates to keep gage current and connects with mobile devices for expanded functionality
- Data transfer via USB to a PC or via Bluetooth Wireless Technology to a PC or printer
- Continually displays/updates basic statistics including min/max and average
- Storage of 100,000 readings in up to 1,000 batches
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included
- PosiSoft solutions for viewing, analyzing and reporting data include PosiSoft USB Drive, PosiSoft.net, PosiSoft 3.0 Desktop software, PosiSoft Mobile
- Gage generates formatted reports with measurement summaries and charts

![Control powder consumption to ensure adequate coverage and reduce waste...](image)

![Specifications](image)

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Range</strong></td>
<td>20–110 µm (0.8–4.3 mils)</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
<td>1 µm (0.05 mils)</td>
</tr>
<tr>
<td><strong>Accuracy</strong></td>
<td>±5 µm (±0.2 mil)</td>
</tr>
<tr>
<td><strong>Measurement Time</strong></td>
<td>2–5 seconds</td>
</tr>
<tr>
<td><strong>Measurement Distance to Powder</strong></td>
<td>18 mm (0.75 inch)</td>
</tr>
<tr>
<td><strong>Measurement Area</strong></td>
<td>2 mm (0.08 inch)</td>
</tr>
</tbody>
</table>

*Based on TGIC-Free polyester powder.

**ADVANCED GAGE BODY**

Size: 137 x 61 x 28 mm (5.4 x 2.4 x 1.1 in.)
Weight: 140 g (4.9 oz.) without batteries

**PROBE**

Size: 222 x Ø50 mm (8.75 x Ø2.0 in.)
Weight: 272 g (9.6 oz.) without batteries

**GAGE COMES COMPLETE**

- With Advanced gage body and wireless probe, protective rubber holster with belt clip, probe zeroing fixture, 3 AAA batteries (body), 3 AA batteries (probe), probe connector cover, instructions, instructional video, replacement probe screen, protective lens shield, USB cable, carabiner, wrist strap, hard shell case, two (2) year warranty

**CUSTOM KITS**

- for measuring powder coating before and after cure.
Visit www.DeFelsko.com/PCKits

Made in U.S.A.
PosiTector® Powder Inspection Kits
Complete solutions for measuring powder coatings before and after cure

Each Powder Inspection Kit contains:

■ PosiTector Advanced Gage Body
■ PosiTector PC non-contact uncured powder thickness probe
■ PosiTector 6000 coating thickness probe —
  select from a variety of measurement ranges and probe styles
■ 2 DeFelsko Powder Combs (models 1 & 4) with measuring ranges
  of 3 to 12 mils and 75 to 300 µm

Custom Inspection Kits
Select from 4 pre-configured kits or build your own

■ Build your own Powder Inspection Kit from a selection of probes to
  suit your needs
■ PosiTector PC accepts all PosiTector probes easily converting from
  measuring uncured powder to cured dry film thickness, surface
  profile, and more.

DeFelsko Powder Comb (included)

This simple, easy-to-use gage measures the thickness (height or
depth) of applied dry coating powders in the pre-cured, pre-gelled state.

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<th>PosiTector body</th>
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<tr>
<td>KITPCF3</td>
<td>6000-F (ferrous only)</td>
<td>Advanced</td>
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<tr>
<td>KITPCFS3</td>
<td>6000-FS (ferrous only with cable)</td>
<td></td>
</tr>
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<td></td>
</tr>
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<td>KITPCFNS3</td>
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</tr>
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</table>

Kits come complete with Advanced gage body, uncured powder thickness probe, coating thickness probe (user selected), precision plastic shims, protective rubber holster with belt clip, wrist strap, carbineer, 3 AAA batteries, 3 AA batteries (probe), probe connector cover, replacement probe screen, probe zeroing fixture, 3 instruction manuals, instructional video, hard shell case, protective lens shield, Long Form Certificate of Calibration traceable to NIST (6000 probe only), USB cable and two (2) year warranty on gage body and probes.

Case Size: 30 cm (l) x 25 cm (w) x 10 cm (d)
12" (l) x 10" (w) x 4" (d)

Weight: 1.3 kg (2.8 lbs.)

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Custom Kits for measuring powder coating before and after cure are available at www.DeFelsko.com/PCKits

ELECTROMATIC Equip’t Co., Inc., 600 Oakland Ave, Cedarhurst, New York 11516 - USA
Tel: 800-645-4330 / 516-295-4300 Fax: 516-295-4399 Web: CheckLine.com Email: info@CheckLine.com