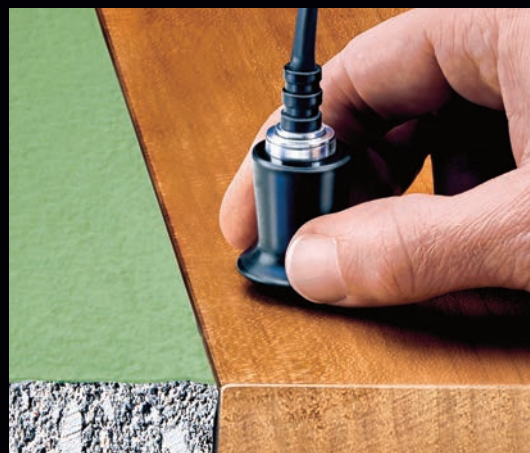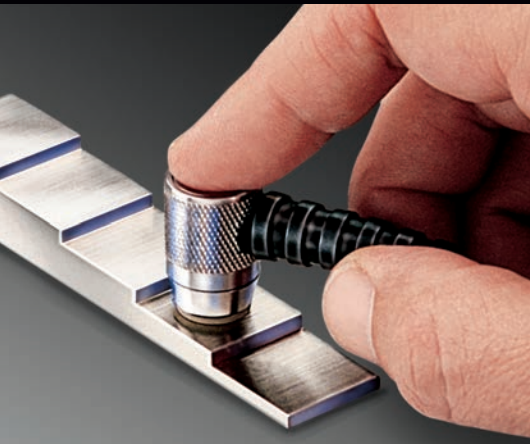# Coating Thickness and Inspection Instruments
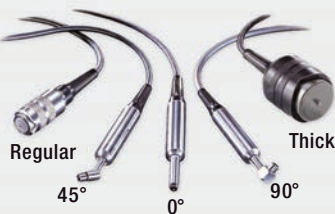
DeFelsko®
The Measure of Quality

Coating Thickness on Metals

PosiTector®6000

Coating thickness gages measure on all metal substrates. Select from a variety of measurement ranges and probe styles including cabled probes, micro probes and our new *XtremeSeries* for measuring on hot or rough surfaces.

All completely interchangeable

Regular   Thick

45°   90°

0°

All Gages Feature:

- Ready to measure — no adjustment required for most applications
- Solvent, acid, oil, water, dust resistant — weatherproof
- Shock-absorbing, protective rubber holster with belt clip
- High contrast reversible color LCD
- Displays average, standard deviation, min/max, number of readings
- PosiSoft USB Drive – stored readings and graphs can be accessed using universal PC/Mac web browsers or file explorers. No software required.
- Includes free PosiSoft suite of solutions for analyzing and reporting data
- Fast mode — faster measurement speed for quick inspection
- Conforms to national and international standards including ISO and ASTM

Select Standard or Advanced

Standard models feature

- Storage of 250 readings

Advanced models feature

- Storage of 100,000 readings in up to 1,000 batches and sub-batches
- WiFi technology wirelessly synchronizes with PosiSoft.net
- Scan mode — take continuous readings without lifting the probe
- SSPC-PA2 feature determines if film thickness conforms to min/max specs

PosiTest®DFT

Economical coating thickness gages measure on all metals

PosiTest®

PosiPen®

Magnetic pull-off gages for the non-destructive measurement of non-magnetic coatings on steel. No batteries or electronics.

Coating Thickness on Non-Metals

PosiTector®200

Ultrasonic coating thickness gages measure coatings over wood, concrete, plastics and more non-destructively. Advanced models measure up to 3 individual layer thicknesses in a multi-layer system and feature a graphic readout for detailed analysis of the coating system.

Uncured Powder Thickness

PosiTector®PC

Non-contact coating thickness gage measures uncured powder thickness using ultrasonic technology to automatically calculate and display a predicted cured thickness. Helps control powder consumption to ensure adequate coverage and reduce waste.

PosiTector® SmartLink

PosiTector SmartLink and free mobile app turn your cell phone or tablet into a virtual PosiTector gage.

Accepts PosiTector 6000, RTR-H, SPG and DPM probes

A Smart New Way to Measure™

Made for
iPod iPhone iPad

Take full advantage of the simplicity and utility of your *Android* or *Apple* smart device including touch screen, keyboard, camera, email, WiFi, Bluetooth, cellular, dictation tools and more.

Inspection Kits

PosiTector bodies accept all PosiTector probes easily converting from a coating thickness gage to a surface profile gage, dew point meter, soluble salt tester, hardness and ultrasonic thickness gage.

Pre-configured and custom kits available

Surface Profile

PosiTector® SPG

Surface Profile Gages measure and record peak-to-valley surface profile heights on blasted metal, concrete and textured coatings with a depth micrometer fitted with a fine pointed probe. Includes a more durable Alumina wear face and two cabled probe versions, one for measuring the profiles of textured coatings.

PosiTector® RTR

Replica Tape Readers measure and record surface profile parameters using Testex™ Press-O-Film™ replica tape. PosiTector RTR-P uses imaging sensors to measure the peak density (Pd) information contained in replica tape. Advanced models are able to generate 2D/3D images and SDF files of the replicated surface.

Environmental Conditions

PosiTector® DPM

Dew Point Meters measure and record climatic conditions including relative humidity, air temperature, surface temperature, dew point temperature and the difference between surface and dew point temperatures. Ideal for surface preparation as required by ISO 8502-4. Select from built-in, cabled and anemometer probes.

Salt Contamination

PosiTector® SST

Soluble Salt Testers measure the concentration of soluble salts on metal surfaces. Features include an intuitive step-by-step interface that guides users through the Bresle method and automatic computation of surface density of salt.

Innovative PosiPatch™
A non-adhesive, flexible and reusable patch that adheres to steel surfaces using a magnetic ring.
- No adhesive residue
- No sharps, no needles!

Ultrasonic Wall Thickness

PosiTector® UTG

Ultrasonic Thickness Gages measure the wall thickness of materials such as steel, plastic and more. Choose from corrosion or multiple-echo probes. Multiple-Echo probes feature thru-paint capability. Advanced models include raw A-scan with adjustable gain and B-scan.

Adhesion

PosiTest® AT

Adhesion Testers measure the pull-off adhesion of coatings to metal, wood, concrete and other substrates. Features a revolutionary self-alignment feature and pull-rate indicator. Next generation Automatic model features an impact resistant, color touch screen and the ability to record the results as Pass/Fail and the nature of fracture – cohesion, adhesion and glue failures.

Automatic and Manual models available

Pinhole/Porosity

PosiTest® LPD

Low voltage Pinhole Detectors use a wet sponge to detect holidays, pinholes and other discontinuities on metal and concrete substrates. Features four regulated voltage output options, GroundSense™ and a convenient hard shell case. Choose from Basic or Complete kits. Complete kits include adaptable sponge hardware including rectangle (flat), roller, ID and custom sponges.

Shore Hardness

PosiTector® SHD

Shore Hardness Durometers measure the hardness of non-metallic materials. Features include user adjustable measurement time with onscreen countdown to conform to international standards, internal memory, onscreen statistics and an electronic "maximum" reading indicator. Two models available — Type A and Type D.

PosiSoft Solutions

4 Free Ways to view and report your data

PosiSoft Desktop — PC/Mac

Powerful desktop software for downloading, viewing, printing and archiving measurement data with no internet connection required. Import measurement data via USB, and categorize batches into Jobs for easy management and creation of multi-batch reports. View a live preview of reports as they are created.

PosiSoft.net — Web-based

The intuitive and familiar user interface of PosiSoft Desktop brought to your web browser. Data is securely stored in the cloud and can be accessed from any web-enabled device. Synchronize data from your gage without the need for a computer when connected via WiFi (advanced models only).

PosiTector App — Mobile

An easy-to-use mobile app (iOS/Android) that connects to your PosiTector Advanced, PosiTector Smartlink, or PosiTest AT. Capture, view, and report measurement data all from one device.

PosiSoft USB Drive — Gage Based

A simple gage interface to retrieve data in a manner similar to USB flash drives, cameras, or digital audio players. No software to install or internet connection required.

PosiSoft® Custom PDF Report Generator

Easily create reports from your measurement data in seconds.

featured on...
PosiSoft Desktop
PosiSoft.net
PosiTector App

- Include inspection information such as on-site pictures, screen captures, notes and more to communicate important details
- Create and save multiple custom layouts as templates – insert cover pages, add logos/images, and select font and point size
- Compile multi-batch reports from one or more probes/instrument types
- Save readings as comma separated value (.CSV) files which can easily be imported into Excel and other applications

NEW **Jobs** feature consolidates batches into groups to keep measurement data organized and to quickly create multi-batch reports (not available on PosiTector App)

DeFelsko Verification Standards

Verification Standards are used to verify the accuracy and operation of inspection instruments and are an important component in fulfilling both ISO/QS-9000 and in-house quality control requirements.
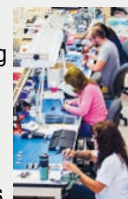
Choose from a variety of standards
- Coating Thickness
- Surface Profile
- Ultrasonic Thickness
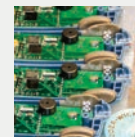- Pinhole/Porosity
- Pull-Off Adhesion

DeFelsko® Advantage

The Measure of Quality... DeFelsko, a leading U.S. manufacturer of inspection instruments, has been designing Simple. Durable. Accurate. instruments since 1965. Our state-of-the-art facility in Ogdensburg, NY houses research, manufacturing, sales and service departments. DeFelsko is committed to excellence in manufacturing and support. Every instrument is inspected under our strict quality guidelines.

Technical Experience... With an average of over ten years' experience, our highly trained technical sales staff is dedicated to answering your questions in a timely manner. Rely on our experience to solve your most challenging applications.

Fast Service... On-site manufacturing allows us to service instruments quickly and ship most instruments within a day to anywhere in the world. Our service department's goal is to evaluate your instrument and contact you within one day of receiving the instrument for service or calibration.

Innovation... Our founder, Frank Koch's goal in 1965 was to create the best and most innovative products at the best possible price. Our goal remains the same today. Our award winning PosiTector series features complete probe interchangeability.

Industry Involvement... DeFelsko actively participates in key organizations to improve and promote the science of coating inspection such as **SSPC, NACE, ASTM, ISO, PCI, etc.**