Coating Thickness Gages for **ALL** Metal Substrates

- **FXS**, **FNDS**, **NAS**, and **FTS** probes.
- Ideal for rough or hot surfaces up to 250˚C (500˚F).

**Probe Details**

- *Weight*: 137 g (4.9 oz.)
- *Size*: (5" x 2.6" x 1")

**Options**

- Coating Thickness Standards to fulfill both ISO and in-house quality control requirements.
- **Probe Foot Rings**
  - Durable Dentring allows the probe to slide easily while scanning.
  - Telescopic Probe Extender for use with the PosiTector 6000 FS, NS, FNS, FXS, FNDS, NAS, and FTS probes.
  - Provides up to 124 cm (49") of reach and collapses to 47 cm (18.5") for easy storage.

For a complete list of product features and available options visit www.defelsko.com

**Probe Specifications**

- **范围**
  - 0–1500 µm
- **精度**
  - ±0.1 µm + 3%

**Ferrous probes** measure non-magnetic coatings on ferrous metals.

**Non-Ferrous probes** measure non-conductive coatings on non-ferrous metals.

**FHX probe** measures non-conductive coatings on all metals.

**FNFS probe** measures non-conductive coatings on steel only.

**Microprobes** — one smallest probes for small parts or hard-to-reach areas.

**Integrating and Cabled probes** for hard-to-paint coatings, spray, rub-in, instrument suspending and more.

**Certification**

- **DeFelsko ScanCert 2022**
- **DeFelsko ScanCert 2023**

**Coating Thickness Gages**

- **PosiTector 6000 Series**
- **IP65**

**PosiTector 6000 Series**

- **FS**, **NS**, **FNS**, **FTS**, **NAS**, **FNDS**
- **Options**
  - USB cable, PosiSoft Software, of Calibration traceable to NIST or PTB, carrying case, Long Form Certificate 3 AAA alkaline batteries, instructions, shim(s), protective rubber holster, wrist strap, gage body only and do not include the probe.

**Customer Support**

- **Phone**: +1-315-393-4450
- **Toll Free**: 1-800-448-3835

**DeFelsko Corporation**

- **Address**: 800 Proctor Ave., Ogdensburg, New York 13669-2205 USA
- **Website**: www.defelsko.com
PosiTector® 6000 Series

All Gages Feature...

Simple
- Fast measurement speed—60+ readings per minute. Enhanced FAST mode—90+ readings per minute for quick inspection
- Ready to measure—no adjustment required for most applications
- NEW Larger 2.8” impact resistant color touchscreen with redesigned keypad for quick menu navigation
- NEW On-gage help explains menu items at the touch of a button
- Flashing display—deal in a noisy environment
- RESET feature instantly restores factory settings

Durable
- NEW Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- NEW Ergonomic design with durable rubberized grip
- Wear-resistant probe tip
- Shock-absorbing protective rubber holder for added impact resistance
- Two year warranty on gage body AND probe

Accurate
- Certificate of Calibration showing traceability to NIST or PTB included
- Built-in temperature compensation ensures measurement accuracy
- Hi-RES mode increases displayed resolution for precision applications
- Conforms to national and international standards including ISO and ASTM

VERSATILE
- PosiTector body accepts all PosiTector 6000, 200, DPM, RTD, RPR, SPD, SST, SHD, BH, and UTG probes easily converting from a coating thickness gage to a dew point meter, surface profile gage, soluble salt tester, hardness tester, SHD, BHI, and UTG probes—ideal in noisy environments
- Includes PosiSoft suite of software for viewing and reporting data
- Every stored measurement is date and time stamped
- PosiSoft USB Drive—stored readings and graphs can be accessed using a PC or Mac
- NEW Auto rotating display with Flip Lock and on-screen help
- Ergonomic design with durable rubberized grip
- Redesigned keypad for quick navigation
- Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- Larger 2.8” impact resistant color touchscreen with redesigned keypad
- Flashing display—ideal in a noisy environment
- Ready to measure—no adjustment required for most applications

Powerful
- Continuously displays/updates average, standard deviation, min/max, and number of readings while measuring
- NEW Screen Capture—save 100 screen images for record keeping and review
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- NEW Instant-on feature quickly powers up the gage if recently powered down
- NEW Up to 30% longer battery life
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- PosiSoft USB Drive—stored readings and graphs can be accessed using a PC or Mac
- Every stored measurement is date and time stamped
- Includes PosiSoft suite of software for viewing and reporting data (see far right)

Probes available for a variety of applications
- Select from a variety of measurement ranges and probe styles
- Stainless steel probe with knurled finger grip
- Strong wear-resistant ruby-tipped probe
- All Regular Cabled Probes are suitable for underwater use

Standard Models
- Includes ALL features as shown on left plus...
- NEW Storage of 1,000 readings per probe—a total of 1,000+ readings can be viewed or downloaded

Advanced Models
- Includes ALL features as shown on left plus...
- NEW Storage of 250,000 readings from multiple probes in up to 1,000 batches and sub-batches
- Line graphing of measurement data
- NEW Prompted Batch Mode—create pre-defined batches with on-screen text and image prompts for each reading (see far right)
- 3 Scan Modes—increase measurement speed to 180+ readings per minute
- Normal—take continuous readings without lifting the probe
- Statistics—take continuous readings and record average, standard deviation, min/max thickness and number of readings while scanning
- Limited Count Average—take continuous readings up to a user-specified count. The gage displays and records the average of the readings
- NEW Touchscreen keyboard for quickly renaming batches, adding notes, and more
- Multiple stored calibration adjustments for measuring on a variety of substrate conditions
- NEW SSPC PA 2, ISO 19640, and IMO PSPC 90:10 modes help users comply with standards by prompting for max/min specifications, displaying the necessary readings, and automatically calculating statistics with a pass/fail result
- WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates
- NEW BLE API available for iOS and Android
- NEW Advanced Model shown with Prompted Batch Mode enabled

NEW Prompted Batch Mode
Create pre-defined batches with on-screen text and image prompts for each reading and upload to PosiTector 6000 Advanced models only. Ideal for ensuring a consistent measurement pattern for repetitive jobs.

NEW Auto rotating display with Flip Lock and on-screen help
- Ergonomic design with durable rubberized grip
- Redesigned keypad for quick navigation
- Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- Larger 2.8” impact resistant color touchscreen with redesigned keypad
- Flasing display—ideal in a noisy environment
- Ready to measure—no adjustment required for most applications

NEW Auto rotating display with Flip Lock
- Ergonomic design with durable rubberized grip
- Redesigned keypad for quick navigation
- Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- Larger 2.8” impact resistant color touchscreen with redesigned keypad
- Flasing display—ideal in a noisy environment
- Ready to measure—no adjustment required for most applications

NEW Screen Capture—save 100 screen images for record keeping and review
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- NEW Instant-on feature quickly powers up the gage if recently powered down
- NEW Up to 30% longer battery life
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- PosiSoft USB Drive—stored readings and graphs can be accessed using a PC or Mac
- Every stored measurement is date and time stamped
- Includes PosiSoft suite of software for viewing and reporting data (see far right)

PosiTector SmartLink
- Wirelessly connect PosiTector 6000 probes to your smartphone or computer

Select from a variety of measurement ranges and probe styles
- Stainless steel probe with knurled finger grip
- Strong wear-resistant ruby-tipped probe
- All Regular Cabled Probes are suitable for underwater use

Rugged Features...
- Sealed USB Port for communicating with a PC or Mac
- Weatherproof, dustproof, and shockproof
- 2.8” impact resistant color touchscreen display
- Auto rotating display with Flip Lock and on-screen help
- Ergonomic design with durable rubberized grip
- Redesigned keypad for quick navigation
- Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- Larger 2.8” impact resistant color touchscreen with redesigned keypad
- Flasing display—ideal in a noisy environment
- Ready to measure—no adjustment required for most applications

NEW Prompted Batch Mode
Create pre-defined batches with on-screen text and image prompts for each reading and upload to PosiTector 6000 Advanced models only. Ideal for ensuring a consistent measurement pattern for repetitive jobs.

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NEW Screen Capture—save 100 screen images for record keeping and review
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- NEW Instant-on feature quickly powers up the gage if recently powered down
- NEW Up to 30% longer battery life
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- PosiSoft USB Drive—stored readings and graphs can be accessed using a PC or Mac
- Every stored measurement is date and time stamped
- Includes PosiSoft suite of software for viewing and reporting data (see far right)

PosiTector 4000 Series

PosiTector® Desktop
Powerful desktop software for downloading, viewing, printing, and storing measurement data. Includes customizable, templated PDF Report Generator. No internet connection required.

PosiTector App
Mobile application offering secure centralized management of readings. Includes customizable, templated PDF Report Generator. Access your data from any web-connected device.

PosiTector SmartLink
Mobile app connects PosiTector Advanced instruments, the PosiTector SmartLink and the PosITest AT-A to your iOS or Android smartphone.

PosiTector USB Drive
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.

Award Winning Compatibility!
- Coating Thickness
- Hardness
- Environmental Conditions
- Paint
- Salt Contamination
- Ultrasonic Wall Thickness

For measuring paint, powder, etc.
on metal...
and for measuring galvanizing, plating, anodizing, and more.

...and for measuring...
Standard Models

- **Includes ALL features as shown on left plus...**
- **NEW** Storage of 1,000 readings per probe—stored readings can be viewed or downloaded.
- **NEW** Larger 2.8” impact resistant color touchscreen with redimension keypad for quick menu navigation.
- **NEW** On-gage help explains menu items at the touch of a button.
- **NEW** Flashing display—ideal in a noisy environment.
- **NEW** Reset feature instantly restores factory settings.

**Simple**
- Fast measurement speed—60+ readings per minute. Enhanced FAST mode—90+ readings per minute for quick inspection.
- Ready to measure—no adjustment required for most applications.
- **NEW** Larger 2.8” impact resistant color touchscreen with redimension keypad for quick menu navigation.
- **NEW** On-gage help explains menu items at the touch of a button.
- **NEW** Flashing display—ideal in a noisy environment.
- **NEW** Reset feature instantly restores factory settings.

**Powerful**
- **NEW** Weatherproof, dustproof, and water-resistant—IP65-rated enclosure.
- **NEW** Ergonomic design with durable rubberized grip.
- **NEW** Wear-resistant probe tip.
- **NEW** Shock-absorbing protective rubber holder for added impact resistance.
- Two year warranty on gage body and probe.

**Versatile**
- **NEW** Certificate of Calibration showing traceability to NIST or PTB included.
- **NEW** Built-in temperature compensation ensures measurement accuracy.
- **NEW** Hi-RES mode increases displayed resolution for precision applications.
- **NEW** Conforms to national and international standards including ISO and ASTM.

**Accurate**
- **NEW** Multipurpose calibration adjustment options including zero, 1-point, 2-point, and ISO 19840 correction factors.
- **NEW** Selectable display languages.
- **NEW** Auto rotating display with Flip Lock.
- **NEW** Extended cables available (up to 75 m/250 ft) for remote measuring.

**Durable**
- **NEW** Stainless steel probe with knurled finger grip.
- **NEW** Quality high-flex cable and strain relief.
- **NEW** Weatherproof, dustproof, and shockproof—IP65-rated enclosure.
- **NEW** Ergonomic design with durable rubberized grip.
- **NEW** Weatherproof, dustproof, and water-resistant—IP65-rated enclosure.
- Two year warranty on gage body and probe.

Rugged Features...
- **NEW** Stainless steel probe with knurled finger grip.
- **NEW** Strong wear-resistant ruby-tipped probe.
- **NEW** Push button selection of measurement ranges and probe styles.
- **NEW** Wireless remote control of measurement ranges and probe styles.
- **NEW** Auto rotating display with Flip Lock.
- **NEW** Extended cables available (up to 75 m/250 ft) for remote measuring.
- **NEW** Quality high-flex cable and strain relief.
- **NEW** Weatherproof, dustproof, and shockproof—IP65-rated enclosure.
- **NEW** Ergonomic design with durable rubberized grip.
- **NEW** Weatherproof, dustproof, and water-resistant—IP65-rated enclosure.
- Two year warranty on gage body and probe.

Advanced Models

- **Includes ALL features as shown on left plus...**
- **NEW** Storage of 250,000 readings from multiple probes in up to 1,000 batches and sub-batches.
- **NEW** Line graphing of measurement data.
- **NEW** Prompted Batch Mode—create pre-defined batches with on-screen text and image prompts for each reading (see far right).
- **NEW** 3 Scan Modes—increases measurement speed to 180+ readings per minute.
- **NEW** Limited Count Average—take continuous readings up to a user-specified count. The gage displays and records the average of the readings.
- **NEW** Touchscreen keyboard for quickly renaming batches, adding notes, and more.
- **NEW** Multiple stored calibration adjustments for measuring on a variety of substrate conditions.
- **NEW** SSCS-PA 2, ISO 19840, and IMO PSPC 90:10 modes help users comply with standards by prompting for max/min specifications, displaying the necessary readings, and automatically calculating statistics with a pass/fail result.
- **NEW** WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates.
- **NEW** Bluetooth 4.0 Technology for data transfer to a mobile device running the PosiTest App or portable printer. BLE API available for integration in third-party software.
- **NEW** Quality high-flex cable and strain relief.
- **NEW** Weatherproof, dustproof, and shockproof—IP65-rated enclosure.
- **NEW** Ergonomic design with durable rubberized grip.
- **NEW** Weatherproof, dustproof, and water-resistant—IP65-rated enclosure.
- Two year warranty on gage body and probe.

Probes available for a variety of applications.

- **NEW** MicroProbes series for small parts and hard-to-reach areas.
- **NEW** Advanced Model shown with Prompted Batch Mode enabled.

**NEW Prompted Batch Mode**
Create pre-defined batches with onscreen text and image prompts for each reading and upload to PosiTector 6000 Advanced models only. Ideal for ensuring a consistent measurement pattern for repetitive jobs.

**NEW** In-App application offering secure centralized management of readings. Includes customizable, templated PDF Report Generator. Access your data from any web-connected device.

**PosiTector App**
Mobile app connects PosiTector Advanced instruments, the PosiTector SmartLink and the PosiTector AT-A to your iOS or Android smart device.

**PosiTector SmartLink**
Wirelessly connect PosiTector Advanced models to a mobile device running the PosiTest App or portable printer. BLE API available for integration in third-party software.

**PosiTector Desktop**
Powerful desktop software for downloading, viewing, printing, and storing measurement data. Includes customizable, templated PDF Report Generator. No internet connection required.

**PosiTest AT-A**
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.

**Award Winning Compatibility!**
- Coating Thickness
- Substrate Prep
- Environmental Conditions
- Spray
- Salt Contamination
- Ultrasound Wall Thickness

**NEW** Encourage your customers to view, analyze, and report data:

- **NEW** Award Winning Compatibility!
- Coating Thickness
- Substrate Prep
- Environmental Conditions
- Spray
- Salt Contamination
- Ultrasound Wall Thickness
- Certificate of Calibration showing traceability to NIST or PTB included.
- **NEW** Built-in temperature compensation ensures measurement accuracy.
- **NEW** Hi-RES mode increases displayed resolution for precision applications.
- **NEW** Conforms to national and international standards including ISO and ASTM.
- **NEW** Multipurpose calibration adjustment options including zero, 1-point, 2-point, and ISO 19840 correction factors.
- **NEW** Selectable display languages.
- **NEW** Auto rotating display with Flip Lock.
- **NEW** Extended cables available (up to 75 m/250 ft) for remote measuring.
- **NEW** Stainless steel probe with knurled finger grip.
- **NEW** Quality high-flex cable and strain relief.
- **NEW** Weatherproof, dustproof, and shockproof—IP65-rated enclosure.
- **NEW** Ergonomic design with durable rubberized grip.
- **NEW** Weatherproof, dustproof, and water-resistant—IP65-rated enclosure.
- Two year warranty on gage body and probe.

For measuring paint, powder, etc. on all metals...and for measuring galvanizing, plating, anodizing, and more.

Duplex Probe measures individual layer thicknesses of zinc and paint in a duplex coating system.

Xtreme Probes with Alumina wear faces and braided cables for hostile/mahique surfaces.

Thick Probe series for thick protective coatings: epoxy, rubber, fireproofing, and more.