

PosiTector[®] *SPG*

Surface Profile Gage



Measures and records
peak to valley
surface profile height



WEATHERPROOF



DeFelsko[®]
The Measure of Quality



Available on the
App Store



PosiTector® *Surface Profile Gage*

All Gages Feature...

Simple

- Fast measurement rate of over 50 readings per minute – ideal for quickly and accurately measuring large surface areas
- Enhanced one-handed menu navigation
- RESET feature instantly restores factory settings

Durable

- Solvent, acid, oil, water and dust resistant – weatherproof
- 60° angle tungsten carbide tip for long life and continuous accuracy – field replaceable
- Rugged, outdoor/indoor instrument – ideal for field or shop use
- Shock-absorbing, protective rubber holster with belt clip
- Two year warranty on body and probe

Accurate

- Built-in temperature compensation ensures measurement accuracy
- Certificate of Calibration showing traceability to NIST included
- Glass zero plate and metal shim included
- Conforms to national and international standards including ISO and ASTM

Versatile

- Universal gage body accepts ALL PosiTector SPG, DPM and 6000 probes
- 30° angle interchangeable probe tip available for special applications
- Selectable display languages
- Hi Contrast backlit display for bright or dark environments
- Flip display enables right-side-up viewing
- Uses alkaline or rechargeable batteries (built-in charger)

Powerful

- Continually displays/updates average, standard deviation, min/max thickness and number of readings
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- Every stored measurement is date and time stamped
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included
- USB mass storage – stored readings and graphs can be accessed using universal PC/Mac web browsers or file explorers. No software required
- Software updates via web keep your gage current
- Connects to PosiSoft.net

PosiTector <i>SPG</i> Ordering Guide	
Standard	SPG1
Advanced	SPG3
Range	0 – 500 µm (0 – 20 mils)
Accuracy	± (5 µm + 5%) ± (0.2 mil + 5%)

Select Standard or Advanced Features

Standard Model

Includes ALL features as shown on left plus...

- Monochrome display
- Storage of 250 readings—stored readings can be viewed or downloaded

Advanced Model

Includes ALL features as shown on left plus...

- Hi Contrast reversible color LCD
- Storage of 100,000 readings in up to 1,000 batches and sub-batches
- SmartBatch™ allows entry of user-defined parameters and criteria to comply with various standards and test methods
- On screen help, real time graphing, picture prompting and batch notes
- **NEW!** WiFi technology wirelessly synchronizes with PosiTector.net, downloads software updates, and connects to mobile devices for expanded functionality
- Data transfer via USB to a PC or via Bluetooth® Wireless Technology to a PC or printer

Advanced Model display shown in Memory mode with real-time graphing



Accessories

- Replacement Tungsten Carbide Probe Tips – 2 angles available 60° or 30°, includes replacement tool
- Bluetooth® Printer receives data from Advanced Models
- AC Power Kit for continuous operation or battery charging – works in any country
- Rechargeable Batteries – a set of eneloop NiMH AAA batteries
- Protective Lens Shields protect the display from overspray

All Gages Come Complete with glass zero plate, metal shim, protective rubber holster with belt clip, wrist strap, 3 AAA alkaline batteries, instructions, nylon carrying case with shoulder strap, protective lens shield, Long Form Certificate of Calibration traceable to NIST, USB cable, two (2) year warranty.



Size:
137 x 61 x 28 mm
(5.4" x 2.4" x 1.1")

Weight: 140 g (4.9 oz.)
without batteries

Conforms to ASTM D4417-B, AS 3894.5-C (with optional 30° tip angle), U.S. Navy NSI 009-32, SANS 5772 and others

PosiSoft® Solutions

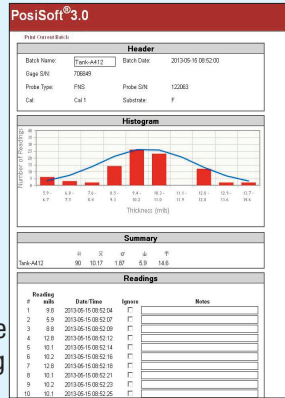
Suite of Software

The PosiSoft suite of software solutions offers 4 FREE ways to view and report your data, ranging from dedicated desktop software for PC and Mac computers to cloud-based PosiSoft.net.

PosiSoft® 3.0 Desktop Software

Newly updated version 3.0 desktop software for PC or Mac computers

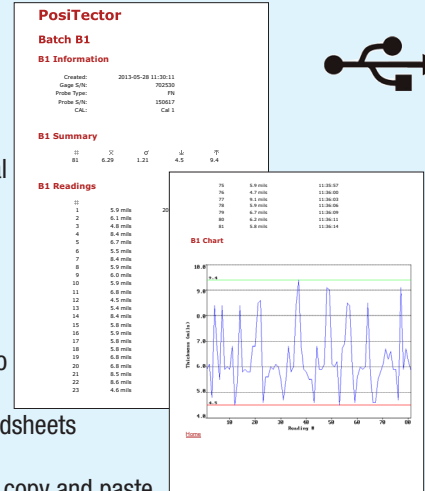
- Import (download) measurement data via USB (all gages) or WiFi (PosiTensor Advanced models only)
- Customize reports by adding pictures, logos, screen captures, notes and more
- Measurement data is copied (imported) from the instrument to a user selectable location — ideal for storing and sharing data on a network or cloud-drive
- Create custom layouts using a simple drag and drop Template Design toolbox; save layouts for future use
- Downloaded data is stored in comma-separated text files which can easily be imported into supporting applications such as documents, spreadsheets and databases



PosiSoft® USB Drive

Access your PosiTensor as a flash drive

- View and print readings and graphs using universal PC/Mac web browsers or file explorers
- Measurement data is stored in comma-separated text files which can easily be imported into supporting applications such as documents, spreadsheets and databases
- Simple file management - copy and paste data from the PosiTensor to a local folder on your computer, network or cloud-drive

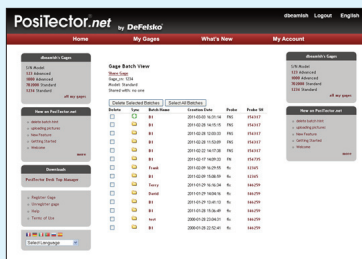


Preformatted HTML reports are stored in the gage.

PosiSoft®.net (formerly PosiTensor.net)

A cloud-based application offering secure centralized management of PosiTensor readings. Access your data from any web-connected device anywhere in the world.

- Synchronize measurement data when connected via USB, Bluetooth or WiFi wireless technology
- Generate reports with graphs, annotations and images
- Share measurement data with authorized users via a secure login from any computer or web-enabled device
- Export data to popular formats such as XML, .CSV (comma-separated values), and CQATK for further analysis
- Securely stores data in the cloud
- Synchronize images and batch notes to your PosiTensor
- Compatible with PosiTensor SPG/DPM/6000/200/UTG Standard & Advanced instruments
- Internet connection required



PosiSoft® Mobile

Gage-based software application featured in all PosiTensor Advanced instruments. Access readings, graphs, capture photos and update notations using WiFi enabled devices such as tablets, smart phones and computers

- Browse stored measurement data including notes, images, statistics and charts
- Update batch names/notes using your mobile device's keyboard
- Insert images directly into gage batches using your mobile device's camera or image library
- Remotely view the live display of a working PosiTensor
- Email data as PDF reports or .CSV comma-separated text files
- Accessible from any WiFi enabled computer or smart device using a standard web browser including PC/Mac, Windows Phone/Mobile, Blackberry, Android, Apple iOS and more



PosiSoft Mobile Manager is a discovery tool that searches your local area WiFi network for WiFi enabled PosiTensor Advanced instruments.

- Available for *Apple iOS* and *Android* users



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