

PosiTector® *SPG* Series

 **ALAT Uji**
Products, Solution, Services

Surface Profile Gages for
blasted steel and textured coatings



Cabled probes available

PosiTector® *SPG Series*

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

- NEW!**
- Alumina wear face and tungsten carbide tip for long life and continuous accuracy—field replaceable tips
 - Solvent, acid, oil, water and dust resistant—weatherproof
 - Rugged, indoor/outdoor 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 PTB included
- Glass zero plate and metal shim included
- Conforms to national and international standards

Versatile

- NEW!**
- PosiTector body accepts ALL PosiTector SPG, RTR, 6000, 200, DPM, and UTG probes easily converting from a surface profile gage to a coating thickness gage, dew point meter or wall thickness gage
 - Separate probes available for blasted steel and textured coatings
 - 30° angle probe tips available for special applications
 - Selectable display languages
 - High 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 depth and number of readings
- HiLo alarm audibly and visibly alerts when measurements exceed specified limits
- Every stored measurement is date and time stamped
- Screen capture—save screen images into memory for record keeping
- 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 universal PC/Mac web browsers or file explorers. No software required
- Software updates via the internet keep your gage current
- Includes PosiSoft Suite of solutions for analyzing and reporting data

Ordering Guide

Probe Type	Built-in	Cabled	
Standard	SPG 1	SPG S1	SPG CS1
Advanced	SPG 3	SPG S3	SPG CS3
Range	0–500 µm 0–20 mils		0–1,500 µm 0–60 mils
Accuracy	±(5 µm + 5%) ±(0.2 mils + 5%)		
Tip	Angle	60°*	60°
	Radius	50 µm (2 mils)	500 µm (20 mils)

*30° tips available for conforming to Australian standard AS 3894.5-C

Standard Models

Includes ALL features as shown on left plus...

- High contrast reversible color LCD
- Storage of 250 readings—stored readings can be viewed or downloaded

Advanced Models

Includes ALL features as shown on left plus...

- High 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
- WiFi technology—wirelessly synchronizes with PosiSoft.net, downloads software updates and connects to mobile devices for expanded functionality
- **Bluetooth** Wireless Technology for data transfer to a computer or optional portable printer
- Real time graphing, picture prompting and batch notes
- Onscreen Batch Annotation—add notes, change batch names and more with built-in QWERTY keyboard

NEW PosiTector SmartLink Compatible

- Wirelessly connect PosiTector SPG probes to your smart device
- Turns your cell phone or tablet into a virtual PosiTector gage
- Includes Free mobile app



NEW! All probes feature a durable Alumina wear face and tungsten carbide tip for long life and continuous accuracy.



Accessories

- Certified SPG Standards to verify accuracy and operation of surface profile depth micrometers
- Replacement non-certified metal check shim and glass zero plate
- Replacement tungsten carbide probe tips
- AC Power Kit for continuous AC operation or battery charging
- Rechargeable Batteries—a set of eneloop NiMH AAA batteries

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

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

Weight: 140g (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® Suite of Software

3 FREE ways to view and report your data

PosiSoft Desktop Software (v 4)

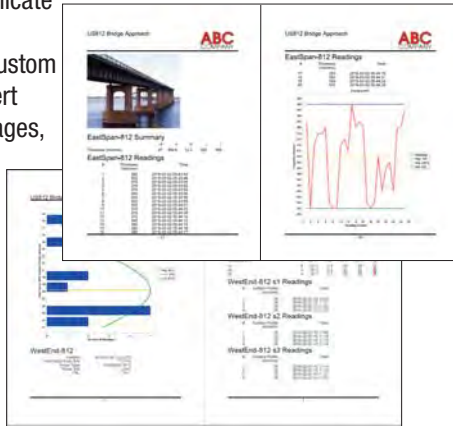
Powerful desktop software (PC/Mac) for downloading, viewing, printing and storing measurement data. Includes customizable, templated PDF Report Generator. No internet connection required.

- Import readings directly from the gage via USB
- **Jobs** feature consolidates and organizes batches and reports
- Export all data, settings and templates for backup and sharing



Generate Custom, Professional PDF Reports

- 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
- Select the information to include for each product type – charts, histograms, readings, time stamps and more
- Compile multi-batch reports from one or more instrument types



PosiSoft.net

A web-based application offering secure centralized management of readings. Access your data from any web-connected device.

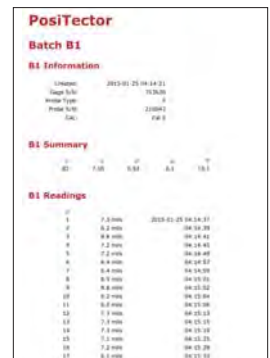
- Synchronize measurement data when connected via USB, Bluetooth or WiFi wireless technology
- Securely store measurement data in the cloud and share with authorized users via a secure login
- Generate reports with graphs, annotations and images



PosiSoft USB Drive

A simple interface to retrieve data from your gage in a manner similar to a USB flash drive. No software required.

- Measurement data can be printed quickly from an HTML report or exported in .CSV format for further analysis in Excel



Learn more at www.DeFelsko.com/PosiSoft

	PosiSoft Desktop	PosiSoft.net	PosiSoft USB Drive
Generate basic, pre-formatted reports	◆	◆	◆
Generate professional PDF reports with custom formatting. Add pictures, logos, screen captures, notes and more.	◆	◆	
Export to .CSV (comma separated values)	◆	◆	◆
View and print readings stored on a PosiTector/PosiTest AT-A	◆	◆	◆
Add photos and notes to reading data	◆	◆	
Software installation required	◆		
Internet connection required		◆	
Default download location for batches and readings	Hard Drive	Cloud	Gage
Multi-language support: English, Spanish, German, French, Chinese and Korean	◆	◆	◆*
PC/Mac compatible	◆	◆	◆
FREE	◆	◆	◆
Compatible with all current PosiTector 6000/200/SPG/RTR/DPM/UTG and PosiTest AT series	◆	◆	◆†

*PosiSoft USB Drive supports all 15 languages supported by the PosiTector gage. † PosiTest AT-M is not supported by PosiTector USB Drive