

# PosiTector® *SPG* Series

Surface Profile Gages for  
blasted steel and textured coatings



*Cabled probes available*



Available on the  
App Store



PosiTector®  
*SmartLink*  
Compatible

**DeFelsko®**  
*The Measure of Quality*



# 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

- 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
- NEW!** ■ 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...**

- Monochrome display with transfective technology enhances sunlight readability
- 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

