

PosiTector[®] *SPG*

Surface Profile Gage



Measures and records
peak to valley
surface profile height



DeFelsko[®]
The Measure of Quality

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 PosiTector.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

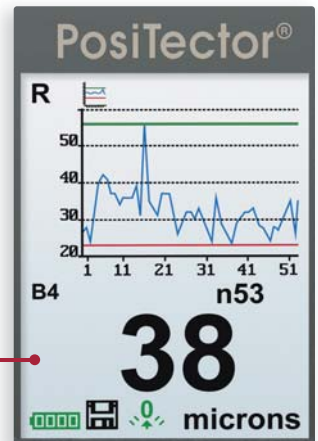
Includes ALL features as shown on left plus...

- 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
- 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