

Order Code	Description
✓ N45S1	PosiTector Standard with 6000 N45S Probe
N45S3	PosiTector Advanced with 6000 N45S Probe

PosiTector[®] 6000 Coating Thickness Gage

Compare PosiTector Gage Bodies

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Standard	Advanced
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•	•
250 per probe	100,000 in up to 1,000 batches
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PosiTector [®] PosiTector SmartLink	Removeable Cabled Probe		Probe Model N45S				
12.3 Compatible		Range:	0 - 45 mils				
esse & thou/mils	38mm / 2.3"	nange.	0 - 1150 µm				
		**	± (0.02 mils + 1%) 0 - 4 mils ± (0.1 mils + 3%) > 4 mils				
6000		*Accuracy:	± (0.5 μm+ 1%) 0 - 100 mm ± (2 μm + 3%) > 100 mm				
PosiTector 6000 N45S1	*Accuracies are stated as	*Accuracies are stated as a fixed value plus a percentage of the gage's actual reading.					
1	0	•	ring non-magnetic coatings on non-ferrous				

N45S - 45 degree microprobe for measuring non-magnetic coatings on non-ferrous metal substrates. With our smallest measuring tip and best thin-film accuracy, this instrument is ideal for measuring on small parts, hard-to-reach areas, or close to edges.

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DeFelsko Corporation 800 Proctor Ave., Ogdensburg, New York 13669-2205 USA **Toll Free 1-800-448-3835** • Tel: +1-315-393-4450 • Fax: +1-315-393-8471 techsale@defelsko.com • www.defelsko.com





All Gages Feature...



- **NEW** Faster measurement speed 60+ readings per minute
- Ready to measure no adjustment required for most applications
- Enhanced one-handed menu navigation
- Flashing display ideal in a noisy environment
- RESET feature instantly restores factory settings

C Accurate

- Certificate of Calibration showing traceability to NIST or PTB included (Long Form)
- · Built-in temperature compensation ensures measurement accuracy
- Hi-RES mode increases displayed resolution for use on applications that require greater precision
- Conforms to national and international standards including ISO and ASTM

Versatile

- Multiple Calibration adjustment options including 1 point, 2 point, known thickness, average zero
- Selectable display languages
- High contrast LCD with backlit display
- Flip display enables right-side-up viewing
- Extended cables available (up to 75 m/250 ft) for underwater or remote measuring
- Uses alkaline or rechargeable batteries (built-in charger)

Order Code	Description
✓ N45S1	PosiTector Standard with 6000 N45S Probe
N45S3	PosiTector Advanced with 6000 N45S Probe



- Solvent, acid, oil, water and dust resistant --- weatherproof
- · Wear-resistant probe tip
- · Shock-absorbing, protective rubber holster with belt clip
- Two year warranty on gage body AND probe



- Statistics mode continually displays/updates average, standard deviation, min/max thickness and number of readings while measuring
- Screen Capture Save screen images for record keeping and review
- HiLo alarm audibly and visibly alerts when measurements exceed user-specified limits
- **NEW** Enhanced FAST mode 90+ readings per minute for quick inspection
- Sealed USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- · Software updates via web keep your gage current
- Every stored measurement is date and time stamped
- Software Solutions for viewing, analyzing & reporting data. See page 3 for a complete overview of these options.





Comes complete with PosiTector gage body, N45S probe, precision plastic shim(s), protective rubber holster with belt clip, wrist strap, 3 AAA alkaline batteries, instructions, protective lens shield, convenient carrying case, Long Form Certificate of Calibration traceable to NIST or PTB, USB cable, PosiSoft Software, two (2) year warranty.

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

BODY WEIGHT: 140 g (4.9 oz.) without batteries

CONFORMS TO: ISO 2178/2360/2808, ISO 19840, ASTM B244/B499/D1186/D1400/D7091/E376/G12, BS3900-C5, SSPC-PA2 and others

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PosiSoft[®] Suite of Software

Four FREE and unique ways to view and report your PosiTector and PosiTest data

PosiSoft Desktop — PC/Mac

Powerful desktop software for downloading, viewing, printing and archiving measurement data. No internet connection required.

- Import readings directly from the gage via USB or from legacy PosiSoft desktop versions
- Synchronize measurement data including readings, notes and pictures to and from PosiSoft.net
- Import/Export Templates and Jobs to share with other users
- Import PDF forms and overlay Custom Fields for automatic population of inspection and measurement data
- Report preview automatically refreshes as changes are made



Prompted Batch Mode

Create pre-defined batches with onscreen text and image prompts for each reading and upload to PosiTector 6000 gages (Advanced models only).

- Ideal for ensuring a consistent measurement pattern for repetitive jobs or when specific measurement locations are required
- Create and store multiple templates for different jobs

PosiSoft.net — Web-based

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

- Synchronize data when connected via USB or WiFi
- Synchronize measurement data including readings, notes and pictures with PosiSoft Desktop and PosiTector App
- Securely store measurement data in the cloud and share with authorized users via a secure login

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PosiSoft USB Drive — Gage Based



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.

PosiTector App — Mobile

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

- Auto pairing Bluetooth BLE connection
- Automatically generate user-formatted reports and share via email, text, cloud storage services like Dropbox, and more
- Export readings to PosiSoft Desktop or synchronize readings to and from PosiSoft.net for further reporting and archival options

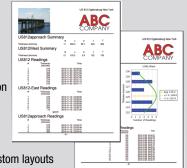


PosiSoft Custom PDF Report Generator

Easily create reports from your measurement data in seconds.

featured on **PosiSoft Desktop** PosiSoft.net **PosiTector App**

 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
- instrument types
- Export readings as comma separated value (.CSV) files which can easily be imported into Excel and other supporting applications



Jobs feature consolidates batches into groups to keep measurement data organized and to guickly create multibatch reports (not available on PosiTector App)

- View and print readings and graphs using universal PC/Mac web browsers and file explorers
- Measurement data can be printed quickly from a formatted HTML report or exported in .CSV format for further analysis in spreadsheets
- Simple file management Copy and paste measurement data from the PosiTector to a local folder on your computer, network folder or cloud drive

PosiTector Developer Resources

including Bluetooth 4.0, WiFi,

USB Keyboard, and USB Serial

Access stored screen captures (snapshots) of the PosiTector display



PosiTector and PosiTest AT-A instruments can integrate with third-party software, drones, ROVs, PLCs, and robotic devices using several industrystandard communication protocols.

The Measure of Quality

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- Compile multi-batch reports from one or more probes and