

DeFelsko® Surface Profile Standards

Two solutions for depth micrometer surface profile gages

Certified SPG Standards

Used to verify the accuracy and operation of surface profile depth micrometers — an important component in fulfilling both ISO and in-house quality control requirements.

- Ideal for use in calibration labs
- Standards consist of 4 sapphire test plates mounted in a precision ground steel base and supplied in a hard shell case
- Sapphire test plates are individually serialized for traceability to PTB — includes a Certificate of Calibration
- Certified and labeled in both Metric and Imperial units

Sample Certificate of Accuracy

Company Name: _____ Date Calibration Performed: _____
Address: _____
Customer Name: _____
Address: _____

Product Description: PosiTector Addressable Tester
Model Number: _____
Serial Number: _____
Laboratory Temperature: _____
Measurement conducted in accordance with procedure number: _____
Standard Measurement System Uncertainty: ± 0.001 mm

Measurement	Reference	Actual	Deviation
1.8 mils/45.8 microns S/N 107			
7.8 mils/198.2 microns S/N 108			
19.8 mils/502.9 microns S/N 109			
Zero			

PosiTector Tester Reading versus Reference Reading
*All of Addressable Tester measurement range difference divided by 1000 and multiplied by 1000

Measurement Performed By: _____
Title: _____

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DeFelsko Certified SPG Standards and included sample certificate of accuracy allow the user to certify the accuracy of depth micrometer surface profile gages in-house.



Order Code	Approximate Depth				Accuracy
	Plate 1	Plate 2	Plate 3	Plate 4	
STDSPG	0	50 μ m (2 mils)	175 μ m (7 mils)	500 μ m (20 mils)	$\pm 1.25 \mu$ m (± 0.05 mils)

COMES COMPLETE with a precision ground steel base, 4 sapphire test plates, sample certificate of accuracy, hard shell carrying case and a Certificate of Calibration traceable to PTB.

Measurement diameter: 16 mm (0.625")

Non-Certified Metal Shim

- Provides a quick accuracy check of the instrument
- Allows the user to perform practice measurements
- Consists of a 76 μ m (3 mil) check shim and a glass zero plate
- Labeled in both Metric and Imperial units



A metal shim and glass zero plate are included with every PosiTector SPG



Shown with PosiTector SPG (not included)

DeFelsko®
The Measure of Quality

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