

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: _____
 Model Number: _____
 Serial Number: _____
 Laboratory Temperature: _____
 Measurement Uncertainty: _____
 Standard Measurement System Uncertainty: _____

Parameter	Value	Units	Uncertainty

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 µm (2 mils)	175 µm (7 mils)	500 µm (20 mils)	± 0.74 µm (± 0.03 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")



Shown with PosiTector SPG (not included)

Non-Certified Metal Shim

- Provides a quick accuracy check of the instrument
- Allows the user to perform practice measurements
- Consists of a 76 µm (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