

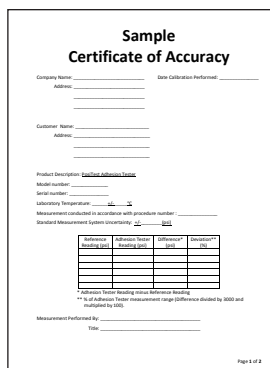
# DeFelsko® Surface Profile Standards

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: Surface Profile Gage  
 Model Number: \_\_\_\_\_  
 Serial Number: \_\_\_\_\_  
 Laboratory Reference: \_\_\_\_\_  
 Measurement conducted in accordance with procedure number: \_\_\_\_\_  
 Standard Measurement System Identification: \_\_\_\_\_

Reference	Reference Value	Uncertainty	Accuracy

Application: Verifying 1000 Series Microline Reading  
 \* In all tables, traceability 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 µm (2 mils)	175 µm (7 mils)	500 µm (20 mils)	± 1.25 µm (± 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 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*



*Shown with PosiTector SPG (not included)*