

# DeFelsko® Surface Profile Standards

Solutions for depth micrometer surface profile gages



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## 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 the calibration lab, in the field or on the factory floor
- Includes serialized and traceable height standards mounted to a metal plate in a protective case
- Depth can be measured by resting the foot of the PosiTector SPG onto two blocks and measuring the depth of the third block between them
- 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 SPG  
Model number: \_\_\_\_\_  
Serial number: \_\_\_\_\_  
Laboratory Temperature: \_\_\_\_\_  
Measurement conducted in accordance with standards and standards number: \_\_\_\_\_  
Standard Measurement System Uncertainty:  $\pm 0.002$

Reference	Reference Value	Measured Value	Accuracy
1	50 $\mu$ m (2 mils)		
2	175 $\mu$ m (7 mils)		
3	500 $\mu$ m (20 mils)		

Measurement Performed By: \_\_\_\_\_  
Date: \_\_\_\_\_

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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	Depth			Accuracy
	Plate 2	Plate 4	Plate 6	
STDSPG	50 $\mu$ m (2 mils)	175 $\mu$ m (7 mils)	500 $\mu$ m (20 mils)	$\pm 1.25 \mu$ m ( $\pm 0.05$ mils)

**COMES COMPLETE** with serialized and traceable height standards mounted to a metal plate, sample certificate of accuracy, hard shell carrying case and a Certificate of Calibration traceable to PTB.

## Non-Certified Metal Shim

- Provides a quick accuracy check of the instrument
- Allows the user to perform practice measurements
- Consists of a 76  $\mu$ 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)*

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