



# TQC Sheen SuperPIG Paint Inspection Gauge III

The TQC Sheen SuperPIG Paint Inspection Gauge III is an easy-to-use precision tool for destructive inspection and measurement for film thickness on single or multiple layers of coating. Substrates such as metals, wood and plastics are suitable for this purpose.

The SuperPIG III has an integrated microscope with excellent focus and a double scale (mm and Inch) which allows you to observe and calculate the coating thickness in micrometers and millimeters. The integrated LED light secures proper illumination of the area to be inspected. Ambient light is reduced with a rubber end cap on the microscope enabling better focus on the specimen.

### Ideal for

Automotive, Coating Industry, Construction/Building maintenance, Galvanize, Laboratory, Paint, Steel Protection, Wholesale.

### Standards

ISO 2808, ASTM D4138-07a

### Features:

- Made of titanium anodised aluminium
- Three cutter sizes and one crosscut knife (optional) in one holder
- Ergonomic design: revolving-system to change knives
- Bright white LED light ensures clear microscope vision
- Small size eases use in corners
- Engraved scaling (D-factor) for easy calculations
- Rubber protective eye cup

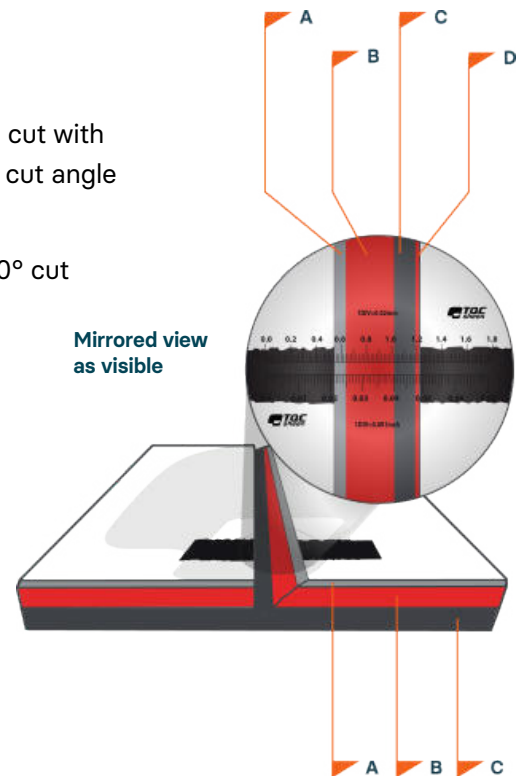
### Scope of supply:

- SuperPIG III Paint Inspection Gauge
- Black marker
- Cutters 1, 2 and 4 (SP1111, SP1112, SP1114)
- Allen key for knife replacement
- Black leather case with belt clip
- Four AG13/LR44 batteries

### Easy measurement

Several layers can be inspected at once because the differences in color or surface of each individual layer become visible. Adjusting the brightness, focus and changing the position of the SuperPIG or moistening the cut edge also will show layers with low pigment.

- A Top coat
- B Base coat, cut with the knife's cut angle
- C Substrate
- D Straight 90° cut



Coat thickness is obtained by counting the number of divisions of the graduation scale multiplied by the D factor belonging to the used knife and indicated on the instrument.



Images can be recorded easily with a smartphone.

## Technical Specification:

<b>Range</b>	2–1.800 µm / 0,1–70 mils
<b>Microscope</b>	Magnification 50X (with graduation-scale)
<b>Scale</b>	0,00–1,8 mm/0,00–0,07 in graduation 0,02 mm/0,001 in
<b>Accuracy</b>	Depends on cutter angle and user reading
<b>Battery</b>	4x AG13/LR44
<b>Material</b>	Titanium anodized aluminum
<b>Width</b>	25 mm
<b>Depth</b>	110 mm
<b>Length</b>	65 mm

## Ordering Information:

### Catalog Number Article Description

<b>SP1100</b>	SuperPIG III Paint Inspection Gauge
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### Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

## Accessories:

### Catalog Number Article Description

#### Cutters

<b>SP1111</b>	Cutter No. 1, 20–1.800 µm/ 1–70 mils
<b>SP1112</b>	Cutter No. 2, 10–900 µm/ 0,5–35 mils
<b>SP1113</b>	Cutter No. 3, 5–450 µm/ 0,25–17,5 mils
<b>SP1114</b>	Cutter No. 4, 2–180 µm/ 0,1–7 mils

### Spare Cross Cut knife acc. to DIN-ISO 2409, ASTM D3359, 6 teeth

<b>SP1702</b>	Teeth distance 1 mm
<b>SP1703</b>	Teeth distance 2 mm
<b>SP1704</b>	Teeth distance 3 mm

### Spare Cross Cut knife ASTM D3359 before 2009, 11 teeth

<b>SP1705</b>	Teeth distance 1 mm
<b>SP1706</b>	Teeth distance 1,5 mm

### Adhesion tape for cross cut test

<b>SP3007</b>	Adhesion tape ISO 2409:2003 1 roll
<b>SP3010</b>	Adhesion tape ISO 2409:2003 3 rolls
<b>SP3020</b>	Adhesion tape ISO 2409:1999 10 m roll
<b>SP3025</b>	Adhesion tape ISO 2409:1999 50 m roll

## Contact Details

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