



SuperPIG SP1000

DATA- SHEET

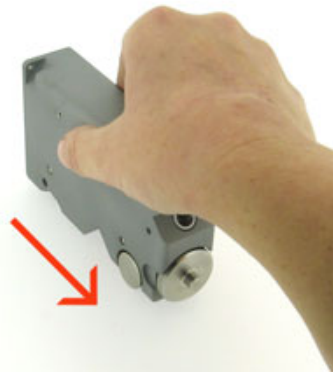
Product Description: Destructive precision tool for inspection and thickness measurement on single/ multiple coats on virtually all substrates, incl. wood, plastics, metals etc. Also observes and measures substrate and film defects.

Standards Measures almost any coating thickness on substrates according to ISO 2808

Application/ application area's: Coating industry, construction/building maintenance, laboratory, paint, painter, wood

Features:

- Made of Titanium anodised aluminum
- Three knife sizes and one crosscut knife in one holder
- Ergonomic design: revolving-system to change knives
- Bright white LED lights ensure clear vision through the microscope
- Small size eases use in corners
- Engraved scaling (D-factor) for easy calculations



Standard delivery:

The SuperPIG comes complete with wrist strap, black marker, knives 1, 2 and 3, hex diagonal wrench, black leather case with beltclip.

Optional items:

SP1111 Knife 1, 20-2000 μm
 SP1112 Knife 2, 10-1000 μm
 SP1113 Knife 3, 5-500 μm
 SP1114 Knife 4, 2-200 μm

Spare Cross Cut knife acc. To DIN-ISO 2409, 6 teeth

SP1702 Teeth distance 1 mm
 SP1703 Teeth distance 2 mm
 SP1704 Teeth distance 3 mm

Spare Cross Cut knife acc. to ASTM D3359, 11 teeth

SP1705 Teeth distance: 1 mm
 SP1706 Teeth distance: 1,5 mm



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Use

- Mark the inspecting surface with a black line of approximately 20mm.
- Place the SuperPIG with its cutter behind the line and pull (without putting pressure on the gauge) the SuperPIG across it, just cutting through the coating.
- Tilt the SuperPIG and place the illuminated area at the intersection of the cut with the black line.
- Look through the microscope and turn the knob to focus on the inspection area.
- Read the graduation-scale and multiply the divisions with the D factor engraved on the SuperPIG.

Technical data

SuperPIG

Range	: 2 to 2000 microns
Microscope	: Magnification 50X (with graduation-scale)
Scale range	: 0,00 – 2,00 mm (rectilinear measured)
Variation	: Accuracy depends on chisel cut angle and users reading
Battery	: AAA 1,5 volt
Material	: Titanium anodised aluminum
Width	: 25mm
Height	: 110mm
Length	: 60mm

Optional knives

Knife number	Cut angle (°)	D x Factor (µm)	Range (µm)
1.	45	20	20 - 2000
2.	26,6	10	10 -1000
3.	14	5	5 -500
4.	5,7	2	2 -200

Special care

The SuperPIG is designed to give many years reliable service under normal operating and storage conditions and does not contain any user-serviceable components. (other than new knives, which has to be ordered separately)

Safety Precautions:

- A knife is a sharp object. Be careful when using it.
- Always store the SuperPIG and its components in the carrying case, when it's not being used..

Disclaimer:

The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than that specifically recommended in this sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the product or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.