

## Paint Inspection Gauge (P.I.G)



Our Paint Inspection Gauge which is suitable for use wherever conventional electro- magnetic measuring techniques are ineffective, namely for coatings on wood, concrete, plastics, and other non-metallic substrates.

Testing with the P.I.G is based on the standardized wedge cut procedure: The coating is cut through at a defined angle in such a way that the cut penetrates the substrate. The layer thickness is calculated based on the slope projection (b) of the cut face, determined using a measuring microscope, and the cutting angle (a). Similarly, the individual layer thicknesses of multilayer systems can be ascertained.

### Key Features

Product Code: T01-700009

Exchangeable carbide tip with precision-ground angular cutting blade (comes with 4 cutters)

#1 Cutter: Measuring range: 20-2,800 $\mu$ m (Factor: 20 $\mu$ m)

#2 Cutter: Measuring range: 10-1,400 $\mu$ m (Factor: 10  $\mu$ m)

#3 Cutter: Measuring range: 5-700 $\mu$ m (Factor: 5 $\mu$ m)

#4 Cutter: Measuring range: 2-2,80 $\mu$ m (Factor: 2 $\mu$ m)

#### Ascott Analytical Equipment Limited

6-8 Gerard, Lichfield Road Industrial Estate, Tamworth, Staffordshire, B79 7UW, Great Britain

T +44 (0) 1827 318040 F +44 (0) 1827 318049 E [sales@ascott-analytical.com](mailto:sales@ascott-analytical.com) W [www.ascottshop.com](http://www.ascottshop.com)

Measuring microscope with a magnification of 30 and a reticle (2.8mm with 1/140 division) which is also suitable for inspection tasks

Two-wheel design, for increased stability and uniformity of cutting

Battery compartment for 1.5 V battery block

Combination of LED and fibre-optic light guide for optimum specimen illumination at low current consumption

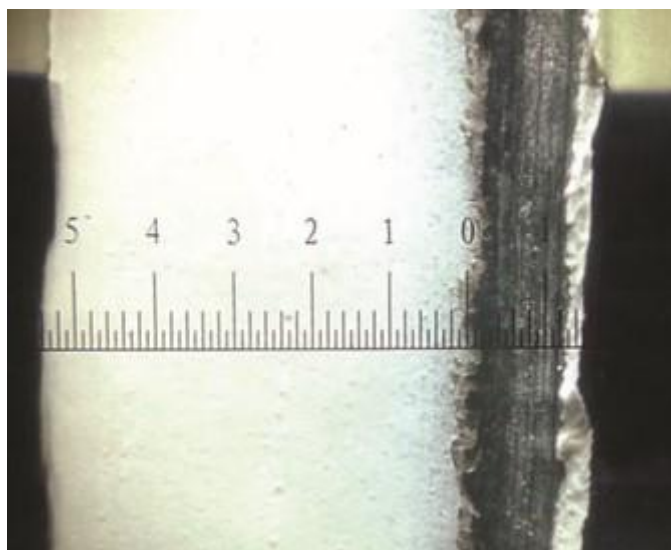
Complies with ASTM D 4138; AS 1580 Meth 408.1

Measuring range (standard): 2~2800µm

Power supply: 1 pc 1.5V battery

Overall Size: 110×85×25mm

Weight: 0.5 KG



Ascott Analytical Equipment Limited

6-8 Gerard, Lichfield Road Industrial Estate, Tamworth, Staffordshire, B79 7UW, Great Britain

T +44 (0) 1827 318040 F +44 (0) 1827 318049 E [sales@ascott-analytical.com](mailto:sales@ascott-analytical.com) W [www.ascottshop.com](http://www.ascottshop.com)