

# Elcometer 121 Paint Inspection Gauge



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## Elcometer 121 Paint Inspection Gauge

This easy to use Paint Inspection Gauge provides the User with a cutter, microscope and light all in one housing and is perhaps the most recognised form of P.I.G.

- Battery powered illumination with built-in microscope
- Fully portable and robust
- Three cutters supplied (No. 1, 4 and 6)

## Coating Thickness Gauges – Destructive

Destructive thickness measurement is often the only guaranteed method available to test certain coating / substrate combinations including:

- Paint applied to concrete, wood, plaster, plastic, etc.

When it is necessary to measure the individual layer thicknesses in a multiple-layer coating system, the most accurate method available is the Paint Inspection Gauge (P.I.G.) coating thickness gauge.

### At a glance

- Cutter, microscope & light in one gauge.
- Supplied with 3 cutters for coating thickness between 2 -2000µm.

Can be used in accordance with:	
ASTM D 4138	BS EN 3900-CS-5B
ISO 2808-5B	

<b>Thickness Cutters</b>	No. 1 Coating thickness between 20 – 2000µm (0.8 - 70mils)
	No. 4 Coating thickness between 10 – 1000µm (0.4 - 40mils)
	No. 6 Coating thickness between 2 – 200µm (0.08 - 8mils)
<b>Microscope</b>	x50 magnification

Model	Description	Part Number
Elcometer 121	Elcometer 121 Paint Inspection Gauge complete with Cutters No. 1, 4 and 6	A121-----
<b>Accessories</b>	Cutter No. 1	T1214426-
	Cutter No. 4	T1214429-
	Cutter No. 6	T1214430-

## Related products



Elcometer 141

The Elcometer 141 paint inspection gauge (PIG) is a quick, versatile method of examination and measurement of coatings in a portable, easy to use instrument. Ergonomically designed to give a balanced weight distribution for a more consistent cut - even on thick and hard coatings.



Elcometer 121/2

The Elcometer 121/2 Universal P. I. G. provides the User with a destructive coating thickness gauge and a lot more: Built-in microscope with illumination, three cutters supplied (No. 1, 2 and 3), cross hatch adhesion and Buchholz Hardness Test can all be carried out with this one gauge.



Elcometer 195

Whereas a Paint Inspection Gauge (P.I.G.) makes a linear cut along the coating, the Elcometer 195 Säberg Drill makes a small hole in order to measure the coating thickness layer thus much less damage is done - minimising the area that is not covered by the coatings guarantee.

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