

# 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-   |
| <b>Packing List</b> | Elcometer 121 Paint Inspection Gauge, 3 x Cutters (one fitted in the gauge), Black marker pen, Carrying Case & Operating Instructions |             |

## Related products



Elcometer 141

**Elcometer 141** Paint Inspection Gauge 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 121/3

**Elcometer 121/3 Universal Paint Inspection Gauge (P.I.G)** provides a quick, versatile method of coating examination and destructive measurement of coating thickness and cross hatch adhesion in a portable, easy-to-use gauge.



Elcometer 195

**Elcometer 195 Säberg Drill** works in a different way to paint inspection gauges. Whereas the PIG makes a linear cut along the coating, the Elcometer 195 Säberg Drill makes a small hole in order to measure the coating thickness layer, minimising damage to the coating being tested.



Elcometer 107

**Elcometer 107** The coating may be continuous and look good, but how well is it connected to the substrate? The Elcometer 107 Cross Hatch Cutter provides an instant assessment of the quality of the bond to the substrate. Due to its rugged construction this gauge is ideal for thin, thick or tough coatings on flat or curved surfaces. An ideal field or laboratory test.



Elcometer 1542

**Elcometer 1542** Simple but effective method for determining the adhesion of a large variety of coatings. This instrument is ideal for thin coatings on flat surfaces, available with three different spacings, corresponding to the thickness of layer to be tested.

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