

Elcometer 121/4 Standard & Top Paint Inspection Gauges (P.I.G)

Available in two models, the Elcometer 121 Paint Inspection Gauge is designed to measure the thickness of single or multiple layers of coatings.

Both models are supplied with illuminated integrated graticule microscopes.

The Top model has an internal carousel allowing each of the three cutters to be selected easily together with a cross hatch adhesion tester.

- Compact and convenient, ideal for use in confined areas
- Made of anodised aluminium for durability
- Bright LED light source for clear vision
- Top Model can hold one cross hatch cutter & three standard cutters which are locked tight, a simple rotation of the cutter holder changes the cutting tool.



STANDARDS:

AS 1580.108.2, AS 1580.408.4*, AS 3894.9*, ASTM D 3359-B*, ASTM D 4138-A, BS 3900-C5-5B, BS 3900-E6*, DIN 50986, ECCA T6*, EN 13523-6*, ISO 2808-5B, ISO 16276-2*, ISO 2409*, ISO 2808-6B, JIS K 5600-1-7, NF T30-038*, NF T30-123

Technical Specification

| | Description | | |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------|
| | Elcometer 121/4 Standard P.I.G. | Elcometer 121/4 Top P.I.G. | Certificate |
| Part Number | A121---S | A121---T | ○ |
| Range | 2 - 2000µm (0.08 - 80mils) Accuracy is dependent on tool cut angle, half a division | | |
| Dimensions | 110 x 75 x 30mm (4.3 x 3 x 1.2"), 369g (13oz) 110 x 75 x 40mm (4.3 x 3 x 1.6), 383g (13.5oz) | | |
| Packing List | Elcometer 121/4, cutters 1, 4 and 6, x50 microscope, 4 x AG3 batteries for lamp (fitted), hexagonal wrench, black marker pen, wrist strap, carry case and operating instructions | | |

○ Optional Calibration Certificate available.

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Accessories

| Part Number | Description | Angle | Measurement Range | Graticule | Certificate |
|--------------|----------------------------------|-------|-----------------------------|---------------|-------------|
| T99915761-1 | Tungsten Carbide Cutter No 1 | 45° | 20 - 2000µm (1 - 80mils) | 20µm (1mil) | ○ |
| T99915761-4 | Tungsten Carbide Cutter No 4 | 26.6° | 10 - 1000µm (0.5 - 35mils) | 10µm (0.5mil) | ○ |
| T99915761-6 | Tungsten Carbide Cutter No 6 | 5.7° | 2 - 200µm (0.1 - 8mils) | 2µm (0.1mil) | ○ |
| | | | Coating Thickness | Standard | |
| T99913700-1 | X-Hatch Cutter, 6 teeth x 1mm | | 0 - 60µm (0 - 2.4mils) | ISO | ○ |
| T99913700-2 | X-Hatch Cutter, 11 teeth x 1mm | | 0 - 50µm (0 - 2.0mils) | ASTM | ○ |
| T99913700-3 | X-Hatch Cutter, 11 teeth x 1.5mm | | 0 - 60µm (0 - 2.4mils) | - | ○ |
| T99913700-4 | X-Hatch Cutter, 6 teeth x 2mm | | 50 - 125µm (2.0 - 5.0mils) | ASTM | ○ |
| T99913700-4 | X-Hatch Cutter, 6 teeth x 2mm | | 0 - 60µm (0 - 2.4mils) | ISO | ○ |
| T99913700-4 | X-Hatch Cutter, 6 teeth x 2mm | | 61 - 120µm (2.4 - 4.7mils) | ISO | ○ |
| T99913700-5 | X-Hatch Cutter, 6 teeth x 3mm | | 121 - 250µm (4.8 - 9.8mils) | ISO | ○ |
| K0001539M001 | Adhesion Tape (1 roll) | | | ASTM | |
| T9998894- | Adhesion Tape (2 rolls) | | | ASTM | |
| T9999358-1 | Adhesion Tape (1 roll) | | | ISO | |
| T9999358-2 | Adhesion Tape (2 rolls) | | | ISO | |

* Standards apply to Top Model only

○ Optional Calibration Certificate available.