

Elcometer 141 Paint Inspection Gauge



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At a glance

- *Low cost paint inspection gauge for measuring multi layered coating systems.*
- *Ideal for thick, hard coatings.*

Can be used in accordance with:

| | |
|-------------|------------------|
| ASTM D 4138 | BS EN 3900-CS-5B |
| ISO 2808-5B | |

Elcometer 141 Paint Inspection Gauge

The Elcometer 141 P.I.G. 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.

- Large easy to grip handle - allows the operator to cut thick or hard coatings easily
- Internal cutter storage compartment
- x50 magnification microscope
- Metric and Imperial Versions
- Can be converted into the Elcometer 107 Cross Hatch Cutter



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.

| | Metric | Imperial |
|---------------------------------------|------------------------------|----------------|
| Scale Range (Maximum) | 2mm | 0.08" |
| Overall Dimensions (Fitted to handle) | 160 x 100 x 35mm | 6.3 x 4 x 1.4" |
| Weight (Fitted to handle) | 510g | 1lb 2oz |
| Microscope | x50 Magnification with scale | |
| Cutting Tips Material | Tungsten Carbide | |

| Model | Description | Part Number | | | | | | |
|---------------|--|---------------|-------------------|-----------|---------------------------------------|-------------|-------------|--|
| | | Metric | | Imperial | | Part Number | | |
| Elcometer 141 | Elcometer 141 Paint Inspection Gauge including 3 cutters | A141---M | | | | | | |
| Accessories | Description | Cutting Angle | Measurement Range | | Graticule Scale Factor (per division) | | Part Number | |
| | | | µm | mils | µm | mils | | |
| | Tungsten Carbide Cutter No 1 | 45° | 20 – 2000 | 1 – 79 | 20 | 1 | T14115761-1 | |
| | Tungsten Carbide Cutter No 4 | 26.6° | 10 – 1000 | 0.5 – 35 | 10 | 0.5 | T14115761-4 | |
| | Tungsten Carbide Cutter No 6 | 5.7° | 2 – 200 | 0.1 – 7.9 | 2 | 0.1 | T14115761-6 | |
| Packing List | Elcometer 141 Paint Inspection Gauge, x50 microscope (metric or imperial graticule), 3 Cutters (1 fitted in instrument, 2 in storage space in handle), Black felt marker pen, Hexagonal wrench, Carrying case & Operating instructions | | | | | | | |