

## Elcometer 990



## Calibration Foils Sets

The Elcometer 990 Calibration Foils are ideal for use in the laboratory, on the production line or on site. Calibration foils or 'shims' are the most convenient way of creating a coating thickness standard on the substrate material, surface finish or form. This is the ideal method for adjusting the calibration of the coating thickness gauge to ensure the greatest possible accuracy.

### Features:

- Metric and Imperial values displayed on each foil
- Available individually or in foil sets - with or without Zero Plate
- Precision foils with  $\pm 1\%$  accuracy
- Each foil has a unique serial number for traceability
- Available in thicknesses from 12.5 $\mu\text{m}$  to 20mm (0.5 to 790mils)

### Technical Specification

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Description	Foil Values ( $\mu\text{m}$ )	Foil Values (mils)	Un-Certified	Certified
Scale 1 Foil Set; 0-1500 $\mu\text{m}$ (0-60mils)	25, 50, 125, 250, 500, 1000	1.0, 2.0, 5.0, 10, 20, 40	T99022255-1	T99022255-1C
Scale 2 Foil Set; 0-5mm (0-200mils)	25, 50, 125, 250, 500, 1000, 2000, 3000	1.0, 2.0, 5.0, 10, 20, 40, 80, 120	T99022255-2	T99022255-2C
Scale 3 Foil Set; 0-13mm (0-500mils)	250, 500, 1000, 2000, 4000, 8000	10, 20, 40, 80, 160, 315	T99022255-3	T99022255-3C
Scale 4 Foil Set; 0-250 $\mu\text{m}$ (0-10mils)	12.5, 25, 50, 125, 250	0.5, 1.0, 2.0, 5.0, 10	T99022255-4	T99022255-4C
Scale 5 Foil Set; 0-500 $\mu\text{m}$ (0-20mils)	12.5, 25, 50, 125, 250, 500	0.5, 1.0, 2.0, 5.0, 10, 20	T99022255-5	T99022255-5C
Scale 6 Foil Set; 0-30mm (0-1200mils)	1000, 2000, 5000, 9500, 15mm, 25mm	40, 80, 200, 375, 590, 980	T99022255-6	T99022255-6C
Scale M3 Foil Set; 0-500 $\mu\text{m}$ (0-20mils)	12.5, 25, 50, 125, 250, 500	0.5, 1.0, 2.0, 5.0, 10, 20	T99022255-7	T99022255-7C
Scale 2B Foil Set <sup>1</sup> ; 0-5mm (0-200mils)	25, 50, 125, 250, 500, 1000, 2000, 2000	1.0, 2.0, 5.0, 10, 20, 40, 80, 80	T99022255-8	T99022255-8C

### Using calibration foils



Each foil has been independently measured at the centre point.

For the greatest accuracy, place the probe in the centre of the foil.



Up to 4 foils can be combined to create a wider range of thickness values.

<sup>1</sup>The Scale 2B foil sets are designed for soft coating probes and have a larger foil surface area

○ Calibration Certificate available under the separate part number listed.