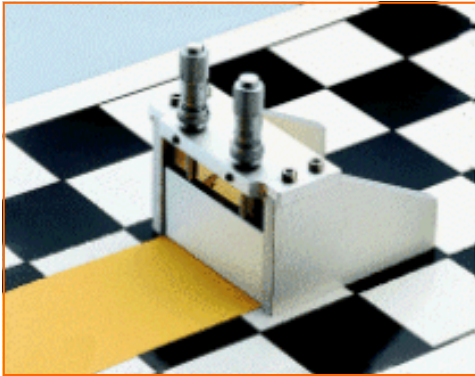


Elcometer 3580 Casting Knife Film Applicator



Elcometer 3580 Casting Knife Film Applicator

At a glance

- *Adjustable in 1µm steps*
- *Sturdy design with sides for controlling the coating during application.*

Elcometer 3580 Casting Knife Film Applicator

Manufactured in anodised aluminium, with bevelled blade applicator body, the Elcometer 3580 is suitable for manually applying thick layers of various products, on solid and flat substrates.

The film gap can be adjusted in 1micron steps from 0 to 6 mm by means of two integrated micrometric screws.

Available in a wide range of film widths the Elcometer 3580 has extended sides to confine the coating during the application and is an ideal gauge for the laboratory.

Film Application & Test Charts

For numerous products such as paint, ink, varnishes, glue and cosmetics, the reliability of many laboratory tests is directly related to the quality of the samples prepared from it.

It is absolutely essential that any measurements made on such coatings, whether for the purpose of describing their appearance or their physical properties (colour, gloss, hiding power, drying time, etc), are made on the basis of uniform and comparable samples with precisely controlled thickness.

In order to meet such specific demands, Elcometer has a wide range of high quality, high precision film applicators and motorised film applicators for greater repeatability and reproducibility when undertaking a large number of sample tests.

Elcometer also offer a wide range of Leneta Test Charts – the market standard – to meet all your specific requirements

Can be used in accordance with:	
ASTM D 3022	ASTM D 823
FTMS 141a M2161	FTMS 141a 4122.1
FTMS 141a 2162	

Model	Description	Gap Size	Film Width		Part Number
		µm	mm	inches	
Elcometer 3580/1	1µm Adjustable Applicator	0 - 6000	50	2	K0003580M201
Elcometer 3580/2	1µm Adjustable Applicator	0 - 6000	75	3	K0003580M202
Elcometer 3580/3	1µm Adjustable Applicator	0 - 6000	100	4	K0003580M203
Elcometer 3580/4	1µm Adjustable Applicator	0 - 6000	125	5	K0003580M204
Elcometer 3580/5	1µm Adjustable Applicator	0 - 6000	150	6	K0003580M005
Elcometer 3580/6	1µm Adjustable Applicator	0 - 6000	175	7	K0003580M006
Elcometer 3580/7	1µm Adjustable Applicator	0 - 6000	200	8	K0003580M007

Also available in Stainless Steel – contact Elcometer for further information

Related products



Elcometer 3570

For high precision, manual application of a film, the Elcometer 3570 micrometric film applicator is ideal. The film thickness can be adjusted in 1 micron steps - using the micrometric screw.



Elcometer 3600

This simple applicator can be adjusted to allow the user to apply a uniform film up to a thickness of 1mm (40 mils). Accurate thickness settings are produced using the thickness standards supplied with the gauge.



Elcometer Leneta test charts

Elcometer supply a wide range of Leneta Test Charts, from plain white to those having different patterns of black and white. Produced from high quality, non-fluorescent paper, free of optical brighteners that may affect colour measurements, Leneta Test Charts are the market standard in today's coatings industry.

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