

elcometer®  
inspection equipment



**Elcometer 4340**  
Motorised/Automatic Film Applicator

## Elcometer 4340

## Motorised/Automatic Film Applicator

The **Elcometer 4340** Motorised Film Applicator is essential for preparing a wide variety of product samples including paint, varnish, cosmetics and glue.

Ideal for testing liquids including:  
paint, varnish, cosmetics and glue

Precision engineered flat aluminium  
table for better repeatability  
- 5 times flatter than glass

Standard table &  
perforated or channelled  
vacuum tables available

For use with our range  
of Elcometer Film Applicators,  
see page 17-8

Heavy base unit to minimise  
vibration and to produce  
high quality samples,  
without "Vibration ridges"

**STANDARDS:**  
ASTM D 823-C



## Motorised/Automatic Film Applicator

**Elcometer 4340**

The Elcometer 4340 provides total consistency and reproducibility on various substrates including contrast charts, sheet steel, plastic foils and glass.



### Durable & Rugged

- Sturdy rigid design to eliminate vibration during film application
- Up to 15 years of standard use



### Choice of Table

- Standard flat table
- Single and double channelled vacuum tables
- Perforated and heated vacuum tables
- Electrically heated sample tables available for temperature control



### Smooth & Repeatable Tests

- Use up to 3 film applicators simultaneously
- Test up to 2 test charts simultaneously
- 11 pre-set transverse speeds from 0.2 - 3.9 inches per second

## Elcometer 4340

## Motorised/Automatic Film Applicator



The Elcometer 4340 range of Motorised Film Applicators allows the flexibility to test using standard film applicators (filmographs) or spiral bar coaters by using the combined attachment.

Each table is engineered to the highest flatness rating (up to five times flatter than glass) and can be supplied in a number of variations to meet your specific test requirements, simply select the model from the Technical Specification below.

### Technical Specification

Part Number	Test Chart Clip	Standard Table	Perforated Vacuum Table <sup>1</sup>	Double Channel Vacuum Table <sup>1</sup>	Electrically Heated Ambient to 200°C (Ambient to 392°F)	Certificate
K4340M10-	■	■				○
K4340M12- <sup>2</sup>	■	■			■	○
K4340M100	■		■			○
K4340M102	■			■		○
K4340M120 <sup>2</sup>	■		■		■	○
Dimensions	780 x 490 x 320mm (30.7 x 19.3 x 12.6")					
Table Dimensions <sup>3</sup>	600 x 305mm (23.6 x 12") <sup>4</sup> / 521.75 x 305mm (20.5 x 12")				Weight	29kg (64lb)
Packing List	Elcometer 4340 Film Applicator, Combined Film Applicator & Spiral Bar Coater Attachment, 3 x mains leads (UK, EUR & US) and operating instructions					

### Motorised Film Applicator Attachments

#### Models

Models: M10-, M100, M102

Models: M12-, M120

KT004340N001	KT004340N101	Film Applicator Attachment
KT004340N002	KT004340N102	Spiral Bar Coater Attachment*
KT004340N003	KT004340N103	Combined Film Applicator & Spiral Bar Coater Attachment*

<sup>1</sup> Vacuum Pump supplied separately (Elcometer 4930, see page 17-6)

<sup>3</sup> Excluding run-off tray

○ Optional Calibration Certificate available.

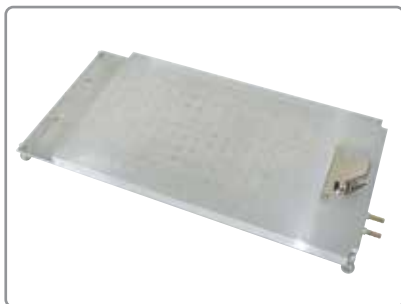
<sup>2</sup> For 110V unit, add D to end of part number, e.g. K4340M120D

<sup>4</sup> Table dimension size only applies to part numbers K4340M10-

\* Each Spiral Bar Coater Attachment is supplied with a rubber mat

## Free Standing Vacuum Tables

### Elcometer 4340



Elcometer 4900 free standing vacuum tables provide an ideal surface for manual application of films on test charts or samples. Made of perforated aluminium, the Elcometer 4900 keeps a wide range of test pieces absolutely flat (2.3µm variation over a 100mm length), including glass, plastic sheets, contrast charts, etc., ideal for thicker, more substantial test pieces.

Elcometer vacuum tables are engineered to be flat and precise with little variation for “perfect” flatness. All Elcometer standard tables, channelled and perforated vacuum tables are 5 times flatter than glass.

### Technical Specification

Part Number	Description	Paper Size	Table Dimensions	
			mm	inches
K0004900M001	Perforated Vacuum Table	A4	305 x 225	12 x 8.9
K0004900M002	Standard Vacuum Table	A3	521.75 x 305	20.5 x 12

### Accessories

KTUK4930M001	Vacuum Pump (UK 240V) -	used to provide vacuum to the Vacuum Tables
KT004930M001	Vacuum Pump (EUR 220V) -	used to provide vacuum to the Vacuum Tables
KTUS4930M001	Vacuum Pump (US 110V) -	used to provide vacuum to the Vacuum Tables

## Non-Slip Rubber Mat

### Elcometer 4350

A non-slip rubber mat designed to minimise surface defects. Suitable for use with the Elcometer Spiral Bar Coaters and the Elcometer 4340 Motorised Film Applicators.



### Technical Specification

Part Number	Description	Depth		Dimensions	
		mm	inches	mm	inches
KT004350P052	Elcometer 4350/52 Non-Slip Rubber Mat	5	0.2"	510 x 250	20 x 9.8



**elcometer**<sup>®</sup>  
coatings inspection

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