

# Elcometer 4340 Motorised Automatic Film Applicator

Can be used in accordance with:  
ASTM D 823 Method C



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

## Features

- Ideal for testing liquids including paint, varnish, cosmetics, glue
- Precision engineered flat aluminium table for better repeatability - 5 times flatter than glass
- Heavy base unit to minimise vibration and to produce high quality samples, without "Vibration ridges"
- Standard table & perforated or channelled vacuum tables available
- Can be used with a full range of Elcometer Film Applicators

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 Bed

- 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

A range of applicator head attachments is available separately, allowing the user to select the most appropriate for their specific use and Standard (if applicable).

The Elcometer 4340 range of motorised Film Applicators comes as one universal base with the combined attachment of both the film applicator (filmographs) and spiral bar attachment supplied as standard.

## 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	Certificate
K4340M10-	■	■				o
K4340M12- <sup>2</sup>	■	■			■	o
K4340M100	■		■			o
K4340M102	■			■		o
K4340M120 <sup>2</sup>	■		■		■	o
Dimensions	780 x 490 x 320mm					
Table Dimensions <sup>3</sup>	600 x 305mm <sup>4</sup> / 521.75 x 305mm					
Weight	29kg					

<sup>1</sup> Vacuum Pump supplied separately

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

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

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

o Optional Calibration Certificate available

## Packing List

- Elcometer 4340 Film Applicator
- Combined Film Applicator & Spiral Bar Coater Attachment
- 3 x mains leads (UK, EUR & US) and operating instructions



## Accessories

Models: M10-, M100, M102	Models: M12-, M120	Description
KT004340N001	KT004340N101	Film Applicator Attachment
KT004340N002	KT004340N102	Spiral Bar Coater Attachment*
KT004340N003	KT004340N103	Combined Film Applicator & Spiral Bar Coater Attachment*
KT004930M001	Vacuum Pump, EUR 220V (for use with Vacuum Tables)	

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

## Video



### YouTube Video - Film Application - Manual vs. Automatic Film Applicators (Click on the image to the left to view the video)

When it comes to the development of products; such as paints, varnishes, cosmetics, or glues for example; manufacturers will typically test various properties of their product to ensure they know exactly how it will perform when used by customers.