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.
- Heavy base unit to minimise vibration and to produce high quality samples, without "Vibration ridges".
- For use with our range of Elcometer Film Applicators, see page 17-8.

STANDARDS:
ASTM D 823-C
Motorised/Automatic Film Applicator

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
**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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Test Chart Clip</th>
<th>Standard Table</th>
<th>Perforated Vacuum Table</th>
<th>Double Channel Vacuum Table</th>
<th>Electrically Heated Ambient to 200°C (Ambient to 392°F)</th>
<th>Certificate</th>
</tr>
</thead>
<tbody>
<tr>
<td>K4340M10-</td>
<td>■</td>
<td>■</td>
<td></td>
<td></td>
<td></td>
<td>○</td>
</tr>
<tr>
<td>K4340M12-</td>
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<td>■</td>
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<tr>
<td>K4340M100</td>
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<tr>
<td>K4340M102</td>
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<tr>
<td>K4340M120</td>
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<td>■</td>
<td>■</td>
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<td></td>
<td>○</td>
</tr>
</tbody>
</table>

**Dimensions**

780 x 490 x 320mm (30.7 x 19.3 x 12.6”)

**Table Dimensions**

- 600 x 305mm (23.6 x 12’’)
- 521.75 x 305mm (20.5 x 12’’)

**Weight**

29kg (64lb)

### Motorised Film Applicator Attachments

**Models**

- Models: M10-, M100, M102
- Models: M12-, M120

<table>
<thead>
<tr>
<th>Models: M10-, M100, M102</th>
<th>Models: M12-, M120</th>
</tr>
</thead>
<tbody>
<tr>
<td>KT004340N001</td>
<td>KT004340N101</td>
</tr>
<tr>
<td>KT004340N002</td>
<td>KT004340N102</td>
</tr>
<tr>
<td>KT004340N003</td>
<td>KT004340N103</td>
</tr>
</tbody>
</table>

- Film Applicator Attachment
- Spiral Bar Coater Attachment*
- Combined Film Applicator & Spiral Bar Coater Attachment*

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1 Vacuum Pump supplied separately (Elcometer 4930, see page 17-6)
2 For 110V unit, add D to end of part number, e.g. K4340M120D
3 Excluding run-off tray
4 Table dimension size only applies to part numbers K4340M10-

● Optional Calibration Certificate available.

* Each Spiral Bar Coater Attachment is supplied with a rubber mat
Free Standing Vacuum Tables

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Paper Size</th>
<th>Table Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>K0004900M001</td>
<td>Perforated Vacuum Table</td>
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<tr>
<td>K0004900M002</td>
<td>Standard Vacuum Table</td>
<td>A3</td>
<td>521.75 x 305</td>
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</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Depth mm</th>
<th>Dimensions mm</th>
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</thead>
<tbody>
<tr>
<td>KT004350P052</td>
<td>Elcometer 4350/52 Non-Slip Rubber Mat</td>
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<td>510 x 250</td>
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</tbody>
</table>