

elcometer®
inspection equipment



Elcometer 4340
Motorised/Automatic Film Applicator

Film Application

Elcometer 4340

Motorised/Automatic Film Applicator

STANDARDS:

ASTM D 823-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.

11 pre-set transverse speeds
from 0.2 - 3.9 inches per second

Standard table &
perforated or channelled
vacuum tables available

Electric or water heated
sample tables available
for temperature control



Adjustable travel
carriage with 'auto stop'
at end of travel

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"

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

Can be used with a full
range of Elcometer Film
Applicators

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.



Interchangeable head attachments

Easily switched between film applicators

- Spiral Bar Head Attachment
- Standard Applicator Head Attachment
- Combined Spiral/Standard Head Attachment



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



Smooth & multiple concurrent tests

- Use up to 3 film applicators simultaneously
- Test up to 2 test charts simultaneously

Elcometer 4340

Motorised/Automatic Film Applicator



Film
Applicator
Attachment



Spiral Bar
Attachment



Combined Film
Applicator and
Spiral Bar
Attachment

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 user selectable head attachments - allowing the flexibility to test using standard film applicators (filmographs), spiral bar coaters or using the combined attachment of both the film applicator and spiral bar attachment. For a complete range of film applicators and spiral bar coaters etc.

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

C

Part Number	Test Chart Clip	Standard Table	Perforated Vacuum Table ¹	Single Channel Vacuum Table ¹	Double Channel Vacuum Table ¹	High Speed	Water Heated Temperature ² +15 to 100°C (59 to 212°F)	Electrically Heated Ambient to 200°C (Ambient to 392°F)	Certificate
K4340M10-	■	■							○
K4340M13-	■	■				■			○
K4340M11-	■	■					■		○
K4340M12- ⁴	■	■						■	○
K4340M100	■		■						○
K4340M130	■		■			■		■	○
K4340M101	■			■					○
K4340M102	■				■				○
K4340M110	■		■				■		○
K4340M111	■			■			■		○
K4340M112	■				■		■		○
K4340M120 ⁴	■		■					■	○
K4340M121 ⁴	■			■				■	○
K4340M122 ⁴	■				■			■	○
Dimensions	780 x 490 x 320mm (30.7 x 19.3 x 12.6")								
Table Dimensions ⁵	600 x 305mm (23.6 x 12") ³ / 521.75 x 305mm (20.5 x 12")							Weight	29kg (64lb)
Packing List	Elcometer 4340 Film Applicator, 3x mains leads (UK, EUR & US) and operating instructions								

Motorised Film Applicator Attachments

Models

M10-, M13-, M100, M101, M102, M130

M11-, M12-, M110, M111, M112, M120, M121, M122

KT004340N001

KT004340N101

Film Applicator Attachment

KT004340N002

KT004340N102

Spiral Bar Coater Attachment*

KT004340N003

KT004340N103

Combined Film Applicator & Spiral Bar Coater Attachment*

¹ Vacuum Pump supplied separately

² Supplied ready to be fitted with a temperature bath. Temperature bath is not supplied

³ Table dimension size only applies to part numbers K4340M10- & K4340M13-

⁴ For 110V unit, add D to end of part number, e.g. K4340M120D

⁵ Excluding run-off tray

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

○ Optional Calibration Certificate available.

Non-Slip Rubber Mat

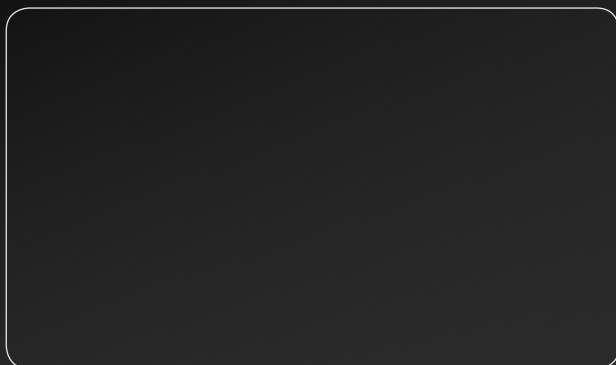
Elcometer 4350

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
KT004350P051	Elcometer 4350/51 Non-Slip Rubber Mat	5	0.2"	510 x 140	20 x 5.5
KT004350P052	Elcometer 4350/52 Non-Slip Rubber Mat	5	0.2"	510 x 250	20 x 9.8



elcometer®
www.elcometer.com

elcometer.be • elcometer.fr • elcometer.de • elcometer.nl
elcometer.jp • elcometer.ae • elcometer.com.sg

ENGLAND

Elcometer Limited
Manchester M43 6BU
Tel: +44 (0)161 371 6000
Fax: +44 (0)161 371 6010
sales@elcometer.com
www.elcometer.com

BELGIUM

Elcometer SA
Tel: +32 (0)4 379 96 10
Fax: +32 (0)4 374 06 03
be_info@elcometer.com
www.elcometer.be

FRANCE

Elcometer Sarl
Tel: +33 (0)2 38 86 33 44
Fax: +33 (0)2 38 91 37 66
fr_info@elcometer.com
www.elcometer.fr

GERMANY

Elcometer Instruments GmbH
Tel: +49(0)7361 52806 0
Fax: +49(0)7361 52806 77
de_info@elcometer.com
www.elcometer.de

THE NETHERLANDS

Elcometer NL
Tel: +31 (0)30 259 1818
Fax: +31 (0)30 210 6666
nl_info@elcometer.com
www.elcometer.nl

JAPAN

Elcometer KK
Tel: +81-(0)3-6869-0770
Fax: +81-(0)3-6433-1220
jp_info@elcometer.com
www.elcometer.jp

REPUBLIC OF SINGAPORE

Elcometer (Asia) Pte Ltd
Tel: +65 6462 2822
Fax: +65 6462 2860
asia@elcometer.com
www.elcometer.com.sg

UNITED ARAB EMIRATES

EL Inspection & Blasting
Equipment LLC
Tel: +971 4 295 0191
Fax: +971 4 295 0192
uae_sales@elcometer.com
www.elcometer.ae

USA

MICHIGAN
Elcometer Inc
Tel: +1 248 650 0500
Toll Free: 800 521 0635
Fax: +1 248 650 0501
inc@elcometer.com
www.elcometer.com

TEXAS

Elcometer of Houston
Tel: +1 713 450 0631
Toll Free: 800 521 0635
Fax: +1 713 450 0632
inc@elcometer.com
www.elcometer.com