

elcometer®

inspection equipment



ENGLAND

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

FRANCE

Elcometer Sarl
45430 Bou
Tel: +33 (0)2 38 86 33 44
Fax: +33 (0)2 38 91 37 66
e-mail: fr_info@elcometer.com

USA

Elcometer Inc
Rochester Hills Michigan 48309
Tel: +1 248 650 0500
Toll Free: 800 521 0635
Fax: +1 248 650 0501
e-mail: inc@elcometer.com

GERMANY

Elcometer Instruments GmbH
D-73431 Aalen
Tel: +49(0)7361 52806 0
Fax: +49(0)7361 52806 77
e-mail: de_info@elcometer.de

REPUBLIC OF SINGAPORE

Elcometer (Asia) Pte Ltd
Singapore 589472,
Tel: +65 6462 2822
Fax: +65 6462 2860
e-mail: asia@elcometer.com

BELGIUM

Elcometer SA
B-4681 Hermalle /s Argenteau
Tel: +32 (0)4 379 96 10
Fax: +32 (0)4 374 06 03
e-mail: be_info@elcometer.com

JAPAN

Elcometer KK
Nisso Dai 23 Building, Room 804,
3-8-25, Toranomom, Minato-ku,
Tokyo 105-0001
Tel: +81-3-6869-0770
Fax: +81-3-6809-1442
e-mail: jp_info@elcometer.com

THE NETHERLANDS

Elcometer NL
3584 BH Utrecht
Tel: +31 (0)30 210.7005
Fax: +31 (0)30 210.6666
email: nl_info@elcometer.com

DFT

Fineness of

Grind, Density

Flow & Dip Cups

Rotational Viscosity

Flash Point, Impact Testers

Washability & Abrasion Testers

Film Applicators, Bend Testers, Gloss

Thickness Gauges, Surface Profile, **Wet Film**

Dry Film, Coating Thickness Gauges

Climatic Testing, Adhesion, Pinhole Testers

Porosity, Software, Dispersion, Inspection Kits

Zahn Cups, Motorised Film Applicators

Drying Time Recorders, Washability, Abrasion

Scratch & Hardness, Elasticity & Deformation

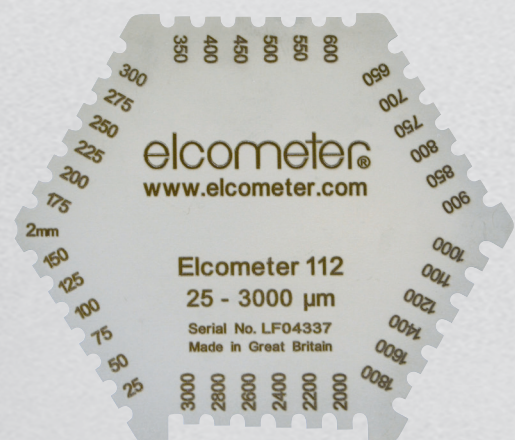
Surface Cleanliness, DOI Gloss Meters

Colour, Moisture, Dewpoint Meters

Cross-Hatch, Oven Recorders

Surface Contamination

ElcoMaster™



Elcometer 112 & 3236
Hexagonal Wet Film Combs
www.elcometer.com

Elcometer 112 & 3236

Hexagonal Wet Film Combs



These hexagonal precision formed stainless steel wet film combs are long lasting, reusable and supplied in a range of thicknesses measuring up to 3000µm (120mils).

These six sided combs vary in size, giving either 24 or 36 measurement steps, depending upon the comb, thus providing increased accuracy.

STANDARDS:

ASTM D 4414-A, AS/NZS 1580.107.3,
BS 3900-C5-7B, ISO 2808-1A,
ISO 2808-7B, JIS K 5600-1-7,
NF T30-125, US Navy PPI 63101-000,
US Navy NSI 009-32

Technical Specification

Part Number	Range	Values	Certificate
K0003236M201	20 - 370µm	20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 150, 170, 190, 210, 230, 250, 270, 290, 310, 330, 350, 370µm	○
K0003236M202	25 - 2000µm	25, 50, 75, 100, 125, 150, 175, 200, 225, 250, 275, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 950, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000µm	○
B112----1B	25 - 3000µm	25, 50, 75, 100, 125, 150, 175, 200, 225, 250, 275, 300, 350, 400, 450, 500, 550, 600, 650, 700, 750, 800, 850, 900, 1000, 1100, 1200, 1400, 1600, 1800, 2000, 2200, 2400, 2600, 2800, 3000µm	○
K0003236M203	0.5 - 15mils	0.5, 0.75, 1.0, 1.25, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8, 9, 10, 11, 12, 13, 14, 15mils	○
K0003236M204	1 - 80mils	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 22, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 55, 60, 65, 70, 75, 80mils	○
B112----2B	1 - 120mils	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 18, 20, 22, 26, 28, 30, 32, 34, 36, 38, 40, 45, 50, 55, 60, 70, 80, 90, 100, 110, 120mils	○
Dimensions and Weight	Elcometer 3236M201 / M203	53 x 50 x 1mm (2.09 x 1.97 x 0.04"), 10g (0.35oz)	
	Elcometer 3236M202 / M204	77 x 90 x 1mm (2.95 x 3.54 x 0.04"), 22g (0.77oz)	
	Elcometer 112	75 x 65 x 1mm (2.95 x 2.54 x 0.04"), 20g (0.7oz)	
Packing List	Wet Film Comb, storage case and operating instructions		

○ Optional Calibration Certificate available.

Related Products



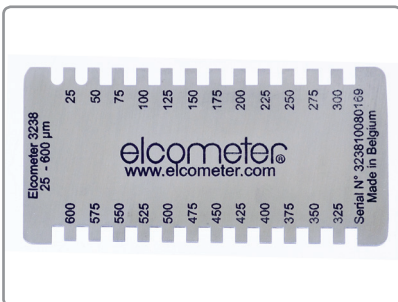
Elcometer 3230 Wet Film Wheels

The Elcometer 3230 Wet Film Wheel is a high precision, accurate and easy to use instrument which consists of a set of three wheels. The central wheel is of a smaller diameter and is eccentric relative to the two outer wheels. By rolling the gauge through a wet coating, the centre wheel eventually touches the film. This point on the scale indicates the thickness.



Elcometer 154 Plastic Wet Film Combs

The Elcometer 154 Wet Film Combs are made from ABS plastic and are designed to be used once and kept as a record of wet film thickness measurement for quality assurance or customer requirements.



Elcometer 3238 Long Edge Wet Film Combs

These stainless steel combs are wire eroded to provide an accuracy of $\pm 2.5\mu\text{m}$ (0.01mil) and are supplied with either Metric or Imperial measurements.



Elcometer 112AL Punched Aluminium Wet Film Combs

These punched aluminium combs offer the user a low cost method of measuring the wet film thickness. Supplied in a pack of 10 combs, they have Metric units (25 - 3000 μm) on one side and Imperial values (1 - 118mils) on the other.



Elcometer 115 Wet Film Combs

These reusable precision stainless steel combs are made to be long lasting. Available as either metric or imperial combs with thickness ranges up to a maximum of 1270 μm or 50mils, they are manufactured to an accuracy of 5% or 2.5 μm (0.01mil), whichever is the greater.