

Elcometer 112 & 3236 Hexagonal Wet Film Combs



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At a glance

- Precision wet film combs used to determine the thickness of wet paint prior to curing.
- Hexagonal to provide a wider range of thickness values for greater accuracy.

Elcometer 112 & 3236 Hexagonal Wet Film Combs

Precision formed in stainless steel to be long-lasting and reusable, these hexagonal wet film combs are supplied in a range of thicknesses and can measure up to a maximum thickness of 3000µm (120mils). This high upper value allows measurement of thick coatings which are difficult to test by other methods.

How to use a wet film comb

- Place a comb perpendicular to and touching the substrate. Hold the comb in position and wait a few seconds until the teeth are "wet."
- Remove the comb from the film.
- The wet film thickness lies between the biggest value "coated" or "wet" tooth and the smallest value "uncoated" or "dry" tooth value.

Wet Film Thickness

It is important that a coating is applied to the correct thickness. Applying too much wet coating will not only waste and money, but also there is also a possibility of the coating cracking during the curing process. Too little coating and there is a chance that the substrate will not be sufficiently covered.

To control process variables, it is often desirable to measure whilst the film is still wet. Wet film measurements are also useful for systems where the dry film thickness can only be measured destructively.

Can be used in accordance with:	
ASTM D 4414-A	BS 3900-C5-7B
ISO 2808-7B	NF T30-125

Model	Description	Range	Values	Part Number
Elcometer 3236/1	Elcometer 3236 Hexagonal Wet Film Comb	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	K003236M001
Elcometer 3236/2	Elcometer 3236 Hexagonal Wet Film Comb	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	K003236M002
Elcometer 112/1	Elcometer 112 Hexagonal Wet Film Comb	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	B112----1
Elcometer 112/2	Elcometer 112 Hexagonal Wet Film Comb	1 - 120 mils	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 45, 50, 55, 60, 70, 80, 90, 100, 110, 120mils	B112----2

Related products



Elcometer 3230

Formally known as the Elcometer 120, the Elcometer 3230 wet film wheel consists of three circles. The central circle is of smaller diameter and is eccentric of the two outer circles. By rolling the gauge through a wet coating, the centre disc eventually touches the film. This point on the scale indicates the thickness. Various measurement ranges from 0 to 25 μ m - 0 to 3000 μ m (0 to 1mil - 0 to 40mils) are available.



Elcometer 112AL

Being punched from Aluminium, the Elcometer 112AL is not as accurate as the high precision versions but it does provide a low cost alternative for measurement of wet film thickness.



Elcometer 115

These precision film combs, formed in stainless steel to be long-lasting and reusable, are supplied in Metric and Imperial values on the same comb. Four separate ranges of thicknesses are available up to a maximum thickness of 1270 μ m (50mils). Each comb has 10 measurements (or teeth) per comb.



Elcometer 3238

Similar to the Elcometer 115, the Elcometer 3238 provides the user with more measurement points (teeth). These rectangular wet film combs are available in 3 ranges up to a maximum thickness of 1200 μ m (50mils) – supplied either separately or in a set of 3.



Elcometer 154

Made from ABS plastic, the Elcometer 154 Wet Film Combs are designed to be used only once and kept as a record of wet film thickness measurement for your ISO or customer requirements. Both Metric and Imperial values are on the same comb, 50 to 800 μ m on one side, 2 to 32mils on the reverse.

ENGLAND

Elcometer Instruments Ltd
Edge Lane
Manchester M43 6BU

Tel: +44 (0) 161 371 6000
Fax: +44 (0) 161 371 6010
e-mail: sales@elcometer.com
www.elcometer.com

USA

Elcometer Instruments Inc
1893 Rochester Industrial Drive
Rochester Hills Michigan 48309

Tel: +1 248 650 0500
Toll free: 800 521 0635
Fax: +1 248 650 0501
e-mail: inc@elcometer.com
www.elcometer.com

CANADA

Elcometer Canada Ltd
PO Box 622, 401 Ouelette Avenue
Windsor, Ontario N9A 6N4

Tel: +1 248 650 0500
Toll Free: 800 521 0635
Fax: +1 248 650 0501
e-mail: ca_info@elcometer.com
www.elcometer.com

ASIA & THE FAR EAST

Elcometer (Asia) Pte Ltd
896 Dunearn Rd
Sime Darby Centre #3-09
Singapore 589472,
Republic of Singapore

Tel: +65 6462 2822
Fax: +65 6462 2860
e-mail: asia@elcometer.com
www.elcometer.com

BELGIUM

Elcometer SPRL
Rue Vallée 13
B-4681 Hermalle /s Ardenteau

Tel: +32 (0)4 379 96 10
Fax: +32 (0)4 374 06 03
e-mail: be_info@elcometer.be
www.elcometer.be

FRANCE

Elcometer SARL
BP 8-Bou
60 Rue de la Petite Levée
45430 Chécy

Tel: +33 (0)2 38 86 33 44
Fax: +33 (0)2 38 91 37 66
e-mail: fr_info@elcometer.fr
www.elcometer.fr

GERMANY

Elcometer Instruments GmbH
Himmlingstraße 18
D-73434 Aalen

Tel: +49 (0) 7366 91 92 83
Fax: +49 (0) 7366 91 92 86
e-mail: de_info@elcometer.de
www.elcometer.de