

# Elcometer 112AL, 112 & 3236 Hexagonal Wet Film Combs

Can be used in accordance with:

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



The Elcometer Hexagonal Wet Film Combs are designed for wet film thickness measurements and come in a range of thickness scales.

## Elcometer 112AL Punched Wet Film Combs (Aluminium)

These punched aluminium combs offer the user a low cost method of measuring the wet film thickness.

The Elcometer 112AL, being punched from aluminium, is not as accurate as precision formed stainless steel wet film combs and has a shorter lifespan.

Each comb has Metric (25 - 3000µm) on one side and Imperial (1 - 118mils) on the other. The Elcometer 112AL can be customised with your logo.



## Technical Specifications

Part Number	Description
B112AL	Elcometer 112AL Aluminium Wet Film Comb
Accuracy	Nominal Values
Dimensions	75 x 65 x 1mm
Weight	90g

\* Standards not in bold have been superseded but are still recognised in some industries

## Elcometer 112 & 3236 Hexagonal Wet Film Combs (Stainless Steel)

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

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



### Technical Specifications

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	o
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	o
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	o
Accuracy	±5% of marked value or 3µm whichever is the greater		
Dimensions and Weight	Elcometer 3236M201	53 x 50 x 1mm, 10g	
	Elcometer 3236M202	77 x 90 x 1mm, 22g	
	Elcometer 112	75 x 65 x 1mm, 20g	

o Optional Calibration Certificate available

### Packing List

- Wet Film Comb
- Storage case
- Operating Instructions

### Video



#### YouTube Video - How to use a Wet Film Comb (Click on the image to the left to view the video)

The Elcometer Wet Film Combs are easy to use and available in a variety of scales to meet different film thickness needs. When applying a liquid coating, by measuring the uncured film thickness, it is possible to determine the eventual dry film thickness, ensuring high quality finish with minimal waste.

### Wet Film Comb Technique

Wet film combs have teeth of various lengths on their sides. The comb is dipped into the wet film and then removed. The wet film thickness lies between biggest value wet tooth and smallest value dry tooth values.

If the volume to solids ratio of the coating is known, then the wet film thickness can be used to predict the dry film measurement. As a rule of thumb dry film thickness will be 50% of wet film thickness. Elcometer offers a wide selection of wet film combs to suit various applications.