

# Elcometer 3238 Long Edge 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**



These stainless-steel combs are wire eroded to provide an accuracy  $\pm 5\%$  of marked value or  $\pm 3\mu\text{m}$ , whichever is greater, and are supplied with either Metric or Imperial measurements.

Each wet film comb has 24 measurement stages (teeth) providing a more accurate wet film thickness value.

## Technical Specifications

Part Number	Range	Measurement Step	Certificate
K0003238M201	5 – 120 $\mu\text{m}$	5 $\mu\text{m}$	o
K0003238M202	25 – 600 $\mu\text{m}$	25 $\mu\text{m}$	o
K0003238M203	50 – 1200 $\mu\text{m}$	50 $\mu\text{m}$	o
K0003238M204	Set of 3 Wet Film Combs - Metric*		o
Accuracy	$\pm 5\%$ of marked value or 3 $\mu\text{m}$ whichever is the greater		
Dimensions	60 x 30 x 2mm		
Weight	27g per comb		

o Optional Certificate Available

\* Set comprises of one of each scale 1, 2 and 3.

\* Standards not in **bold** have been superseded but are still recognised in some industries.

## Packing List

Elcometer 3238 Long Edge Wet Film Combs

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.