

## 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.

A convenient mounting handle for the wheel is available in two lengths; 15cm (6") or 50cm (19"); please order separately.

When the volume to solids ratio of the coating is known (generally found on the product data sheet supplied by the manufacturer), the wet film thickness can be used to predict the dry film thickness.

Several measurement ranges between 0 to 25µm and 0 to 1000µm (0 to 1mil and 0 to 40mils) are available.

- Continuous scale produces ±5% measurement accuracy
- Suitable for flat and curved surfaces



### STANDARDS:

ASTM D 1212-A, AS/NZS 1580.107.3, BS 3900-C5-7A, ISO 2808-1B, ISO 2808-7A, JIS K 5600-1-7, NF T30-125

### Technical Specification

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Metric Film Wheels				Imperial Film Wheels			
Part Number	Range	Graduations	Certificate	Part Number	Range	Graduations	Certificate
K0003230M001	0 - 25µm	1.25µm	○	K0US3230M001	0 - 1mil	0.05mil	○
K0003230M016	0 - 40µm	2.0µm	○	-	-	-	○
K0003230M002	0 - 50µm	2.5µm	○	K0US3230M002	0 - 2mils	0.10mil	○
K0003230M003	0 - 100µm	5.0µm	○	K0US3230M003	0 - 4mils	0.20mil	○
K0003230M004	0 - 150µm	7.5µm	○	K0US3230M004	0 - 6mils	0.25mil	○
K0003230M005	0 - 200µm	10.0µm	○	-	-	-	○
K0003230M006	0 - 250µm	12.5µm	○	-	-	-	○
K0003230M007	0 - 300µm	15.0µm	○	K0US3230M005	0 - 12mils	0.50mil	○
K0003230M008	0 - 400µm	20.0µm	○	-	-	-	○
K0003230M009	0 - 500µm	25.0µm	○	K0US3230M006	0 - 20mils	1.0mil	○
K0003230M010	0 - 1000µm	50.0µm	○	K0US3230M007	0 - 40mils	2.0mils	○
Accuracy	±5% of marked value or 3µm (0.12mil) whichever is the greater						
Dimensions	50 x 30mm (1.97 x 1.18")						
Weight	220g (7.76oz)						
Packing List	Wet Film Wheel, storage case and operating instructions						

### Accessories

- KT003230N003 15cm (6") Wet Film Wheel Handle
- KT003230N002 50cm (19") Wet Film Wheel Handle

○ Optional Calibration Certificate available.