

## WET FILM THICKNESS WHEEL VF2255, VF2256, VF2257

DATASHEET

### PRODUCT DESCRIPTION

Specially by TQC developed instrument for use on wet lacquers, paint and coil coated surfaces. Equipped with a precision roller-bearing for smooth rolling over the surface. The wheel has three rims, the inner rim being eccentric to the two outer rims. The outer rings are notched for a firm grip in the surface to prevent slipping. Made of stainless steel and with an aluminum grip.



### BUSINESS

Protective coatings, corrosion control, coating laboratories, paint production, decorative coatings, building maintenance

### STANDARDS

ASTM D1212-91-A, BS 3900-C5-1B, ISO 2802-1B, NF T30-125

### SCOPE OF SUPPLY

- Wet film thickness wheel
- Leather pouch
- Calibration certificate

### ORDERING INFORMATION

VF2255 - Wet film thickness wheel 0-100  $\mu\text{m}$

VF2256 - Wet film thickness wheel 0-300  $\mu\text{m}$

VF2257 - Wet film thickness wheel 0-600  $\mu\text{m}$

### SPECIFICATIONS

Material : high grade stainless steel  
Accuracy : better than 3 micron  
Outer dimensions : 90 x 22 x 22 mm / 115 x 22 x 22 mm / 140 x 22 x 22 mm

### USE

Hold the wheel by its central spindle. Begin at maximum thickness to reduce risk of inaccuracy caused by surface tension. Roll the wheel through the wet film with the side 1 in the diagram touching the substrate. Roll for at least one whole turn and slowly enough for wetting to occur. Roll the wheel backwards for at least one complete turn. The wet film thickness is read from the scale, at the end of the wetted segment of the middle circle, 2 in the diagram.

To use the wheel on pipes, measure across the longitudinal axis (lengthways) of the pipe.

On rough surfaces, measurements will be made from the surface peaks and represent the minimum wet film thickness.

## **SPECIAL CARE**

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- Though robust in design, this instrument is precision-machined. Never drop it or knock it over.
- Always clean the instrument after use.
- Clean the instrument using a soft dry cloth. Never clean the instrument by any mechanical means such as a wire brush or abrasive paper. This may cause, just like the use of aggressive cleaning agents, permanent damage.
- Always keep the instrument in its pouch when not in use.

## **DISCLAIMER**

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The right of technical modifications is reserved.

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