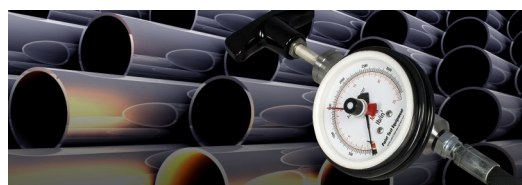
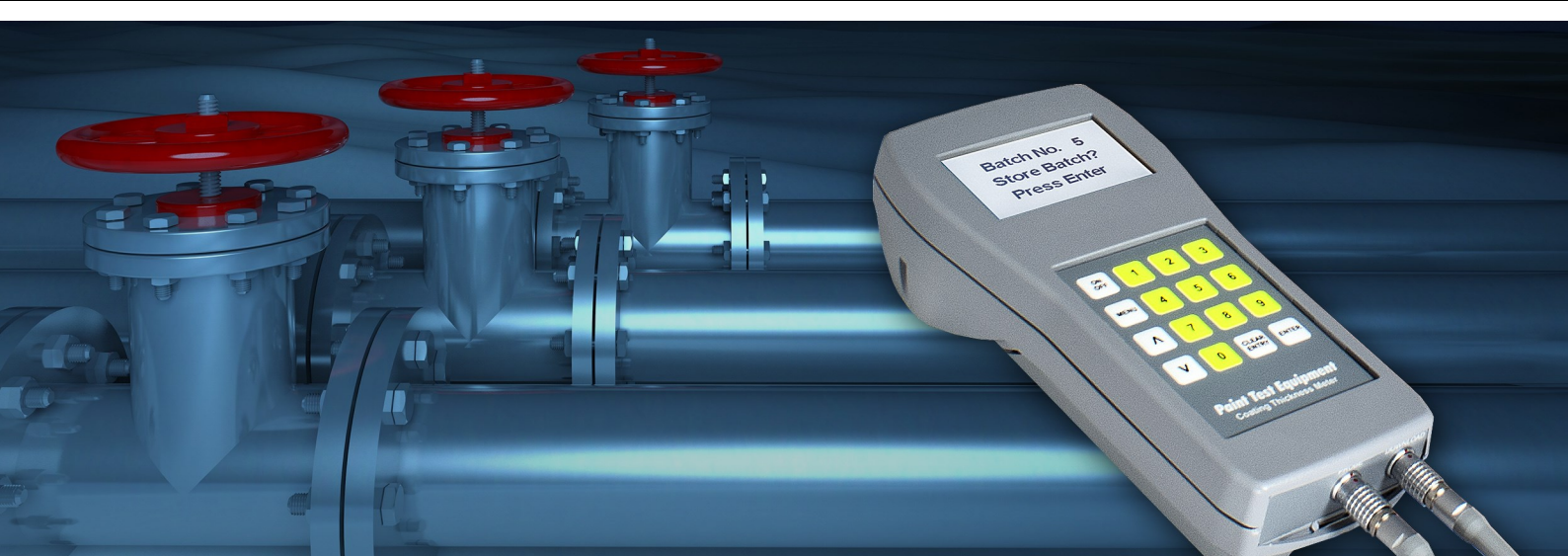


Data Sheet / Instructions

Wet Film Gauge



Paint Test Equipment

COATING THICKNESS Porosity Adhesion Inspection Kit Surface Roughness Surface Cleanliness Gloss



International Standards
ISO 2808 ASTM D 4414-A

Wet Film Gauge

ISO 2808: Paints and varnishes. Determination of film thickness.

The Tricomb Wet Film Gauge ensures the quality control of the paint thickness while the coating is still wet. Applying too much coating can be expensive.

Very useful on non-metallic substrates where the coating can only be measured destructively when dry.

The stainless steel Wet Film Gauge is precision machined, ensuring that the highest accuracy of wet film thickness measurement is always achieved. The wide measurement range and high resolution of measurement ensures the stainless steel gauge caters for all of the wet film measurements the user requires.

The plastic disposable Wet Film Gauges are supplied in quantities of 200 and give the industrial painter a quick and easy test of the wet film thickness. Manufactured in plastic, this disposable Wet Film Gauge has been designed for one-off use only, saving time on cleaning the teeth after use. They can also be left to dry and be kept as a permanent record of the paint thickness.

All gauges have metric values on the front side of the gauge and imperial values on the back.

Tricomb Wet Film Gauge Specifications

Part No	Material	Supply Quantity	Range Metric	Range Imperial	Number of Teeth	Conformance Cert Part No
W2001	Stainless Steel	1	25–1500µm	1–59mils	45	NWC01
W1003	Stainless Steel	1	50–5000µm	2–100mils	45	NWC01
W2008	Plastic	200	50–900µm	2–36mils	18	

Operation

Testing

Wet film thickness measurement should be taken as soon as possible after the coating application.

Press the Wet Film Gauge onto the coated flat surface so it touches the substrate and the teeth are normal to the plane of the surface.

Allow sufficient time for the coating to wet the teeth before removing the Gauge.

If the surface is curved in a single plane, the Wet film Gauge should be placed parallel to the axis of the curvature.

The coating thickness can now be observed by looking at the base of the teeth.

The greatest gap reading of the tooth wetted by the coating is the wet film thickness.

The stainless steel Wet Film Gauge shows the teeth values on every other tooth.

The teeth with no identification is the middle value of the teeth either side.

Teeth Ranges

W2001 Stainless Steel

25, 50, 75, 100, 125, 150, 175, 200, 225, 250, 275, 300, 325, 350, 375, 400, 425, 450, 475, 500, 525, 550, 575, 600, 625, 650, 675, 700, 725, 750, 800, 850, 900, 950, 1000, 1050, 1100, 1150, 1200, 1250, 1300, 1350, 1450, 1500µm.

W1003 Stainless Steel

50, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300, 2400, 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3350, 3500, 3750, 4000, 4250, 4500, 4750, 5000µm.

W2008 Plastic

50, 65, 75, 90, 100, 125, 150, 175, 200, 250, 300, 350, 400, 500, 600, 700, 800, 900µm.

Cleaning

The stainless steel Wet Film Gauges can be cleaned with solvents.

Ensure all of the coating is removed from the teeth.

Plastic Wet Film Gauges are designed for one-off use and are not suitable for cleaning with solvents.



Tricomb Plastic Wet Film Gauges are the preferred type of Gauge for industrial painters, enabling them a quick and efficient test of the wet film thickness.

Paint Test Equipment is a global leader in the manufacture of specialist test equipment specifically for the industrial painting and coating industries for the protection of steel assets from corrosion, mainly in the oil, renewables and steel construction sectors. With over 30 years experience and extensive knowledge in delivering practical and cost effective solutions in supporting our customers with world class products for corrosion prevention.

Prevention of corrosion on steel is essential to extend the asset lifetime, optimise performance and minimise downtime for expensive maintenance work. Using Paint Test Equipments technologies and innovations in our unrivalled portfolio of products ensures that industrial coatings are applied to the highest achievable quality standards of ISO compliance.

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