



# ***Paint Test Equipment***

Coating Thickness Gloss Porosity Adhesion Surface Profile Surface Cleanliness Climatic Conditions Electrostatic **Inspectors Accessories**



### International Standards

<b>ISO 2808</b>	<b>ASTM D 4414-A</b>
<b>ISO 8502-3</b>	<b>ASTM B 499</b>
<b>ISO 8502-4</b>	<b>ASTM D 4417-C</b>
<b>ISO 8502-6</b>	<b>NACE RP0287</b>
<b>ISO 8502-9</b>	
<b>ISO 8503-5</b>	

## Paint Inspection Kit

The Paint Inspection Kit is an essential piece of equipment for all industrial painters, enabling them to have all the necessary test equipment to ensure the industrial paint coating is correctly applied throughout the coating process in compliance with ISO Standards.

Supplied in an industrial foam-filled Carrying Case, ensuring that all the equipment is easily available and transportable.

The Equipment supplied in the Paint Inspection Kit will allow on site testing for all five stages of the following ISO Standards

### Stage 1 Surface Profile

#### ISO 8503-5: Replica Tape method for the determination of the surface profile

#### Testex Tape (R1002) and Testex Gauge (R1004)

A unique replica technique and a snap gauge makes possible accurate, blast-cleaned surface profile measurements. Testex Tape makes surface replicas easy to obtain and produces average maximum peak-to-valley readings that ensure optimum blasting effectiveness. Replicas can be retained for future needs.

Packing: Testex Tape X Coarse (50 impression roll), Testex Gauge and Burnishing Tool.

### Stage 2 Surface Cleanliness

#### ISO 8502-6: Extraction of soluble contaminants for analysis – the Bresle method

#### ISO 8502-9: Field method for the conductometric determination of water-soluble salts

#### Bresle Test (P2005)

Steel when blast-cleaned can be contaminated by Water-soluble salts and corrosion products. These compounds are almost colourless and are localized at the lowest point of the rust pits. If they are not removed prior to painting, chemical reactions can result in blister formation and accumulations of rust that destroy the adhesion between the substrate and the applied protective coating. This contamination can be tested quickly and easily using the Bresle Test.

Packing: Bresle Conductivity Meter, Bresle Patches (pack of 50), 500ml Deionised Water, 5ml Syringe, Conductivity Meter Calibration Solution, Conductivity Meter Moistening Solution, Conductivity Meter Deionised Water and 25ml Beaker.

### Stage 3 Surface Cleanliness

#### ISO 8502-3: Assessment of dust on steel surfaces prepared for painting (pressure-sensitive tape method)

##### Dust Test (PS201)

Assess the quantity and size of dust particles on steel surfaces prepared for painting. Dust particles on blast-cleaned steel surfaces may reduce the adhesion of applied coatings, and by absorbing moisture may promote the corrosion of the steel surface.

Packing: Dust Test Tape (60m roll), Dust Test Charts (pack of 50) and X10 Illuminated Magnifier.

### Stage 4 Climatic Conditions

#### ISO 8502-4: Guidance on the estimation of the probability of condensation prior to paint application

##### Dewpoint Meter (H3001)

The Dewpoint Meter enables testing for the estimation of the probability of condensation on a surface to be painted and establishing whether conditions at the job site are suitable for painting or not.

Packing: Dewpoint Meter, Humidity Sensor and Surface Temperature Probe.

### Stage 5 Coating Thickness

#### ISO 2808: Paints and varnishes – Determination of film thickness

##### Eban 4000 Coating Thickness Meter (C4001)

Measures all coatings on steel and iron substrates using the magnetic induction principle, ensuring the correct coating thickness has been applied.

Other models of the Eban 4000 can be supplied for thick coatings or non-ferrous substrates.

Packing: Eban 4000 Coating Thickness Meter (C4001), flexible lead Probe, set of 8 Calibration Foils and Zero Disk.

### Calibration

Calibration Certificates with traceability to UKAS and XXX are an optional extra. The Certificates are supplied as hard copy and are available online through the Calibration Portal (under Browse Categories) on our website. The Calibration Portal will list all your equipment calibrated by Paint Test Equipment, showing the renewal dates and allowing Calibration Certificates to be viewed at any time.

### Paint Inspection Kit Specifications & Spares

Part No	Metric/Imperial	Cal Cert Part No	Conformance Cert Part No
K3001	Paint Inspection Kit Metric	NK002	
K3002	Paint Inspection Kit Imperial	NK002	
F2001	Spare Calibration Foils 0-1000µm (25, 50, 75, 125, 175, 250, 500, 750µm)	NC002	
Z1003	Spare Zero Disk Ferrous		
R1002	Spare Testex Tape X Coarse (50 impressions) 40-115µm (1.5-4.5mils)		NRC02
PS001	Spare Bresle Patches (pack of 50) Standard Adhesion		NPC04
PS003	Spare Deionised Water (500ml)		
PS004	Spare Syringes (pack of 3)		
PS005	Spare Conductivity Meter Calibration Solutions (2 Solutions, 1 Deionised Water)		NP001
PS006	Spare Conductivity Meter Sensor		
PS006	Spare 25ml Beaker		
PS201	Spare Dust Test Tape 25mm (1") 60m Roll		NPC05
PS202	Spare Dust Test Comparator Charts (pack 50)		NPC06
HS301	Spare Humidity Sensor 0–100%rh/-10 to 70°C (14 to 160°F)	NH101	
HS302	Spare Surface Temperature Probe -20 to 80°C (-4 to 176°F)	NH102	

## About us

Paint Test Equipment are manufacturers of a comprehensive range of specialist instruments for the Industrial Coatings and Finishings Industries and have been supplying instruments to customers worldwide for over 25 years.

During this time Paint Test Equipment have established a reputation for manufacturing quality instruments to the highest specification, to meet the demanding requirements of the Industrial Painting Industry.

## Recalibration

Paint Test Equipment can service and recalibrate all applicable products that we supply.

We recommend that the equipment is returned on a 12-monthly basis to Paint Test Equipment for service and recalibration.

Calibration Certificates will have traceability to UKAS or BAM. The Certificate is supplied in a paper format and is available online through the Calibration Portal (under Browse Categories) on our website. The Calibration Portal will list all your equipment that is calibrated by Paint Test Equipment, showing the renewal dates and allowing Calibration Certificates to be viewed at any time.

[www.paint-test-equipment.com](http://www.paint-test-equipment.com)

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