

Elcometer Qualicoat Powder Coating Inspection Kit

The Qualicoat Organisation brings together the ideals of several national coating associations into one quality label for the powder coating applied to aluminium architectural applications. The aim of Qualicoat is to establish the minimum standard that plant installations, coating materials and finished products which have been powder coated must meet.

Within this quality label, Qualicoat identifies a range of inspection requirements to be undertaken with regards to the quality control of powder coated products.

The Elcometer Qualicoat Powder Coating Inspection Kit provides the various test instrumentation required to meet the high standards of this organisation.

Coating Inspection Kits

Site inspection requires a range of portable testing equipment. In order to make these products easily available and portable, Elcometer have developed a range of Coating Inspection Kits.

All the gauges are conveniently stored in one hard plastic protective carrying case and are supplied with full operating instructions.

KIT CONTENTS



Elcometer 406L 60° Statistical Mini Glossmeter

- Continuous measurements for variable surfaces
- 200 reading memory
- Unique calibration tile condition warning
- Quick, automatic calibration
- Menu driven operation in multiple languages
- LED light source is long lasting and stable



Elcometer 3095 Buchholz Hardness Tester

Measuring a coating's hardness using the indentation method, the Elcometer 3095 Buchholz Hardness Tester consists of a bevelled disc indenting tool which is fitted into a stainless steel block exerting a constant test load of 500g (17.6oz).



Elcometer 1506 Cylindrical Mandrel Bend Tester with 5mm & 8mm Mandrel

A very robust mechanical unit for determining the elasticity, adhesion and elongation properties of cured coatings on sheet metal.

The frame has a bending lever with height-adjustable rollers and a sliding vice for clamping the sample which means the test pieces are bent perfectly and regularly on decreasing mandrels until the desired effect can be observed.



Elcometer 1615 Variable Impact Tester with Elcometer 1615 Kit B

This simple to use gauge is ideal for evaluating the resistance of a coating to impact (elongation, cracking or peeling).

The test specimen is fixed into position by the quick release clamp. The weight is lifted to the predetermined height and can be set by the adjustable collar device. The weight is then released and the resulting deformation is observed.



Elcometer 1620 Manual Cupping Tester with Digital Gauge

This robust and user-friendly instrument is used for assessing the cupping ability of coatings applied to metal sheets up to 1.2mm (0.05") thick.

It has a 27mm (1.06") diameter hardened steel die in a clamping device and a 20mm (0.79") diameter punch. A hand-rotated crank and reduction drive moves the punch progressively into the sample.



Elcometer 1542 Cross Cut Kit including 3 Cross Hatch Cutters (6 x 1, 2 & 3 mm)

This is a simple but effective method for determining the adhesion of coatings on flat surfaces. Supplied complete with one roll of ISO and ASTM adhesive tape.



Elcometer 215 Oven Data Logger Standard & Top Kit†

The Elcometer 215 is an easy to use oven data recorder, used to measure and store the temperature profiles of both the sample and the oven during the cure process.

Specifically designed for powder or liquid coating batch and conveyor ovens, the Elcometer 215 has a large multi lingual menu-driven display for easy operation and can measure up to 6 temperatures at one time.

† Elcometer 215 Standard Kit supplied in the Basic Qualicoat Kit. Elcometer 215 Top Kit supplied in the Top Qualicoat Kit. A wide range of K-Type temperature probes is also available. These are not supplied with the kit and must be ordered separately.



Elcometer 415 Paint and Powder Coating Thickness Gauge (Supplied in Qualicoat Basic Kit only)

The Elcometer 415 Paint and Powder Coating Thickness Gauge provides a simple, accurate and reliable way to measure coatings on all smooth ferrous and non-ferrous metal surfaces. The gauge auto-switches to read on either ferrous or non-ferrous substrates. This is ideal for measuring paint or powder on both steel and aluminium surfaces.



Elcometer 456 Model T Dual FNF Separate Digital Thickness Gauge with FNF Scale 1 Standard Probe; 0-1500µm / 0-60mils (Supplied in Qualicoat Top Kit only)

The new Elcometer 456 Coating Thickness Gauge sets new standards making measuring dry film thickness faster, reliable and accurate; helping you to become more efficient.

- Fast, accurate reading rate; 70+ readings per minute
- Tough, impact, water & dust resistant; equivalent to IP64
- Automatic rotating display; 0°, 90°, 180° & 270°
- Gauge software updates; via ElcoMaster 2.0 software
- On screen statistics
- Multiple calibration methods
- Limits; user definable audible & visual pass/fail warnings

Part Number	YKITQUALICOAT-1B	Elcometer Basic Qualicoat Powder Coatings Inspection Kit
	YKITQUALICOAT-1T	Elcometer Top Qualicoat Powder Coatings Inspection Kit