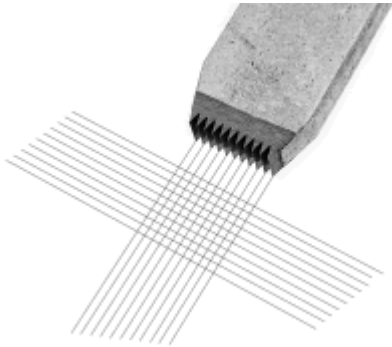


# elcometer® **1540 and 1541 Adhesion Testers**

## Elcometer 1540 Cross Cut Tester

Can be used in accordance with: **ASTM D 3359, BS 3900 E6, DIN 53151, DIN EN ISO NF 2409**



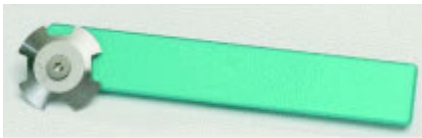
Simple instrument for quickly determining the adhesion of a large number of paints. Made from special steel, it has 11 tapered teeth with 1 mm spacing.

Two series of lines are cut at right angles to obtain a pattern of 100 squares.

### Part Numbers

Model	Description	Part Number
Elcometer 1540	Elcometer 1540 Cross Cut Tester 10 x 1mm	K0001540M001

## Elcometer 1541 Single Blade Cutter



This instrument has a single-blade tool used to perform simple parallel or crossed cuts on plane or curved surfaces.

### Part Numbers

Model	Description	Part Number
Elcometer 1541	Elcometer 1541 Single Blade Cutter	K0001541M002

## Cross Hatch Test Method - Elcometer 107 & Elcometer 1542

The cross hatch test is a method to determine a coating adhesion.

Having selected the appropriate cutter spacing - dependant on coating thickness (see technical specifications), make a cut of approximately 20 - 30mm long ensuring that enough force is used to cut all the way down to the substrate.

Make a similar length cut at a 90 degree angle with the first cut - again, ensure that the cut is all the way down to the substrate.

Brush the coating slightly with a soft brush or tissue to remove any detached flakes or ribbons of coating, then check the resulting cross-hatch pattern according to the Classification of Adhesion Test Results - as described in ISO or ASTM standards.

An adhesive tape, in accordance with ISO 2409 or ASTM D3359 can also be used prior to checking the result. Please refer to the appropriate standard. This tape is available from Elcometer.