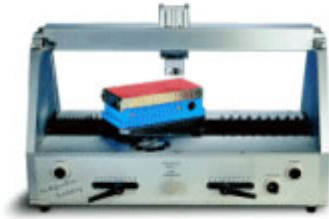


elcometer® **1535 Multi Function Scratch Tester**

**Can be used in accordance with:
ASTM D 3359, DIN EN ISO NF 2409, DIN 53167, DIN 53799, ISO 4586**



During the development of a coating, to establish the most appropriate coating for a specific requirement, numerous tests need to be undertaken. Many can be done with the Elcometer 1535.

Designed to cut St. Andrew's crosses and parallel or perpendicular scratches, this pneumatic tester is designed to ensure reproducible scratching tests, often performed manually and inconsistently.

Steel specimens are held in place by a magnetic plate measuring 200 x 100mm. This plate can be orientated as required and has an adjustable displacement from 10 to 180mm. Upon request, this table can be fitted with channels linked to a vacuum pump for holding non-ferrous samples such as plastics and aluminium.

Combining sample position, table orientation, run length and the appropriate tool, parallel or crossed scratches of different dimensions are created. The Elcometer 1535 is adaptable to various applications simply by changing the tool and its specific holder.

Tools can be quickly changed and the fixture ensures that they are perpendicular to the test sample.

The Elcometer 1535 can undertake a combination of tests, including:



St Andrew's Cross Test: Holder and 1mm wide DIN cutter. A 0.5, 2 and 3mm cutter for preparation of corrosion samples and a special holder for making two scratches without moving the specimen are available.



Cross Hatch Test: Holder and cross-cut test tool of 1, 2 or 3mm spacing.



Scratch Test: Holder and tool with diameters of 1mm, 0.75mm (VDA) and 0.5mm are available.



Coin Test: Scratching support and tool for "resistance to coins tests"

Part Numbers

Model	Description	Part Number
Elcometer 1535	Elcometer 1535 Multi Function Scratch Tester	K0001535M001

Accessories

	Part Number		Part Number
Non Magnetic Substrate Vacuum Table	KT001535N007	Holder for Coin Test Tool - 10 Discs	KT001535N005
Holder for Cross Cut Tool	KT001535N004	Coil Scratch Discs – 100 Discs	KT001538N008
6 x 1mm cross cut tool – 8 blades	KT001542P001	Tungsten Carbide Negative Cutter	KT001535N001
6 x 2mm cross cut tool – 8 blades	KT001542P002	- 2 cutting edges - 1mm	
6 x 3mm cross cut tool – 8 blades	KT001542P003	Tungsten Carbide Negative Cutter	KT001535N002
Magnifier 10x	KT003025P007	- 2 cutting edges - 0.5mm	
ASTM Normalised Adhesive – 1 roll	K0001539M001	Tungsten Carbide Normal Cutter	KT001538N001
ISO Normalised Adhesive	K0001539M002	- 2 cutting edges - 1 mm	
VOLVO STD 1029,5472 Adhesive	K0001539M006	Tungsten Carbide Normal Cutter	KT001538N002
DIN Normalised Brush	KT001546N001	- 2 cutting edges - 0.5 mm	
Holder for Carbide Points	KT001535N003	Tungsten Carbide Positive Cutter	KT001535N009
(points not included)		- 2 cutting edges - 1 mm	
Carbide Point – 0.5mm	KT003092P001	Tungsten Carbide Positive Cutter	KT001535N010
Carbide Point – 0.75mm	KT003092P002	- 2 cutting edges - 0.5 mm	
Carbide Point – 1.00mm	KT003092P003	Device for Clemen test	KT001535N006

