

Elcometer 1538 DIN Scratching Tool



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At a glance

- *Interchangeable cutters.*
- *Various models available for use with various corrosion tests.*

Elcometer 1538 DIN Scratching Tool

The Elcometer 1538 has interchangeable carbide cutters for the preparation of specimens to be used for Salt Spray, and CASS Corrosion Tests.

Supplied complete with 1mm or 0.5 mm cutter.

A Renault-version of the tool, with optional blade adjustment device, is also available.

See also the Elcometer 1535 for an automatic scratch machine which provides the user with a repeatable and reproducible method of performing numerous test samples.

Corrosion

One of the many tests described in International Standards for evaluating the corrosion performance of a material is the long-established salt spray test.

Developed several decades ago with the aim of simulating a corrosive marine environment, the procedure has, over the years, become a key tool for predicting the performance of a coating and is now one of the standard references used by industry today.

Modern quality demands and new research have shown that the results of these tests can be optimised when the salt spray is combined with other methods, which may be of a cyclical nature or more aggressive.

Can be used in accordance with:

DIN 53167	DIN 50021
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Model	Description	Part Number
Elcometer 1538/1	Elcometer 1538 DIN Scratch Tool with 1mm Cutter – CASS Test	K0001538M201
Elcometer 1538/2	Elcometer 1538 DIN Scratch Tool with 0.5mm Cutter – Salt Spray Test	K0001538M202
Elcometer 1538/3	Elcometer 1538 DIN Scratch Tool with 1mm Cutter – Renault Version	K0001538M005
Elcometer 1538/4	Elcometer 1538 DIN Scratch Tool with 0.5mm Cutter – Renault Version	K0001538M004
Accessories	Spare 1 mm Cutter for Elcometer 1538/1	KT001538N201
	Spare 0.5 mm Cutter for Elcometer 1538/4	KT001538N003
	Elcometer 1538 DIN Blade Adjustment Device	KT001538M103

Related products



Elcometer 1537

A scratching tool for preparing samples for Salt Spray and Cyclical Tests. The Elcometer 1537 has a tungsten carbide blade which is set to give a 90° cutting angle with a 75° cutting edge.



Elcometer 1535

During the development of a coating not only do a wide range of physical properties need to be measured, but also a large number of tests need to be carried out in order to establish the most appropriate coating for the specific requirement. Many of the tests can be done using this automated tester, including: St Andrews Cross, Cross Hatch Adhesion, Scratch Test & Coin Test.



Elcometer 1120

The Elcometer 1120 salt spray chamber is designed to perform, with high reproducibility, a large number of standardised or conventional tests in order to determine the resistance to corrosion for a wide range of coatings. These include salt spray, copper acetic salt spray (CASS), prohesion, humidity and cyclic DIN.



Elcometer 1120/4

Thanks to the built-in programming module of the Elcometer 1120/4 cyclic salt spray test, specific test procedures can be created by alternating and repeating different exposure phases. Besides this operating flexibility, the Elcometer 1120/4 offers effective versatility by also including pre-programmed tests - including salt spray, copper acetic salt spray (CASS), prohesion, and cyclic DIN.

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