

Elcometer 1250 Kesternich Chamber



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At a glance

- Test the resistance of corrosive gases.
- 300 or 400 litre capacity.

Elcometer 1250 Kesternich Chamber
To test the resistance to corrosive gases such as SO₂ or CO₂. Housed in reinforced polyester for corrosion resistance.

- Digital display
- Capacity: Either 300 or 400 litres (79 or 105 US gallons)
- Regulated temperature up to 50°C. (122°F)
- Ambient or saturated humidity.
- Front door access
- Forced drying

Options – contact Elcometer for further information

- Temperature extension to 60°C (140° F)
- automatic ventilation system
- gas dosing device
- cycle totalizer.

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:	
BS 3900	DIN 50017
EN 6988	

Model	Description	Part Number		
		UK 240V	EUR 220V	US 110V
Elcometer 1250/1	Kesternich Chamber, high humidity, 300 litre (79 US gallons)	K0UK1250M010	K0001250M010	K0US1250M010
Elcometer 1250/2	Kesternich Chamber, high humidity, 400 litre (105 US gallons)	K0UK1250M210	K0001250M210	K0US1250M210
Options - please specify when ordering	Gas Dosing Unit		KT001250N014	
	Temperature extension to 60°C (140°F)		KT001250N015	
	Automatic Ventilation System		KT001250N016	
	Cycle Totalizer		KT001250N017	

Related products



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), cohesion, 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), cohesion, and cyclic DIN.



Elcometer 1270/1

A tank, measuring 70 x 40 x 40cm (27.5 x 16 x 16"), fitted with a cover, a controlled heating device and a circulation pump, is used to assess the resistance of coatings, notably to blistering, when immersed in water - often referred to as the Ford immersion test.



Elcometer 1542

Simple but effective method for determining the adhesion of a large variety of coatings. The instrument is ideal for testing the adhesion of thin coatings on flat surfaces using the cross cut method, available with three different spacings 1, 2, and 3mm, corresponding to the thickness of layer to be tested.

ENGLAND

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