

Elcometer 1200/4 ISO Continuous Humidity Chamber



Elcometer 1200/4 ISO Continuous Humidity Chamber

At a glance

- Used to meet test conditions required under ISO 6270.
- Strong, sturdy construction.

Elcometer 1200/4 ISO Continuous Humidity Chamber

A simple to use, continuous humidity chamber to meet the test conditions required by ISO 6270. The Elcometer 1200/4 is of a welded polypropylene tank construction. The PVC cover has two sides, each at an angle of 15 degrees to the horizontal.

The Unit is switched on and water is fed in, through the inlet pipe, under pressure (1-5 bar). Once the water is at the required level, the unit begins to heat and maintain the water to the set temperature (40°C ±2°C / 104°F ± 4°F, and not less than 35°C / 95°F for ISO 6270).

Up to 20 test panels, 150 x 100mm (5.9 x 3.9”), are then inserted into the spaces in the PVC cover.

Note: To meet the ISO 6270 Standard, all 20 must be filled.

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:
ISO 6270

Model	Description	Part Number		
		UK 240V	EUR 220V	US 110V
Elcometer 1200/4	Continuous Humidity Chamber – ISO 6270	K0UK1200M010	K0001200M010	K0US1200M010

Related products



Elcometer 1200

Designed to perform highly reproducible, constant humidity tests. Coated samples are placed into the chamber and, after a predetermined time, removed for inspection. The Elcometer 1200 Humidity Chamber is used to monitor a coating's resistance to corrosion, tropicalisation, blistering and other effects caused by humid environments.

ENGLAND

Elcometer Instruments Ltd
Edge Lane
Manchester M43 6BU

Tel: +44 (0) 161 371 6000
Fax: +44 (0) 161 371 6010
e-mail: sales@elcometer.com
www.elcometer.com

USA

Elcometer Instruments Inc
1893 Rochester Industrial Drive
Rochester Hills Michigan 48309

Tel: +1 248 650 0500
Toll free: 800 521 0635
Fax: +1 248 650 0501
e-mail: inc@elcometer.com
www.elcometer.com

CANADA

Elcometer Canada Ltd
PO Box 622, 401 Ouelette Avenue
Windsor, Ontario N9A 6N4

Tel: +1 248 650 0500
Toll Free: 800 521 0635
Fax: +1 248 650 0501
e-mail: ca_info@elcometer.com
www.elcometer.com

ASIA & THE FAR EAST

Elcometer (Asia) Pte Ltd
896 Dunearn Rd
Sime Darby Centre #3-09
Singapore 589472,
Republic of Singapore

Tel: +65 6462 2822
Fax: +65 6462 2860
e-mail: asia@elcometer.com
www.elcometer.com

BELGIUM

Elcometer SPRL
Rue Vallée 13
B-4681 Hermalle /s Ardenteau

Tel: +32 (0)4 379 96 10
Fax: +32 (0)4 374 06 03
e-mail: be_info@elcometer.be
www.elcometer.be

FRANCE

Elcometer SARL
BP 8-Bou
60 Rue de la Petite Levée
45430 Chécy

Tel: +33 (0)2 38 86 33 44
Fax: +33 (0)2 38 91 37 66
e-mail: fr_info@elcometer.fr
www.elcometer.fr

GERMANY

Elcometer Instruments GmbH
Himmlingstraße 18
D-73434 Aalen

Tel: +49 (0) 7366 91 92 83
Fax: +49 (0) 7366 91 92 86
e-mail: de_info@elcometer.de
www.elcometer.de