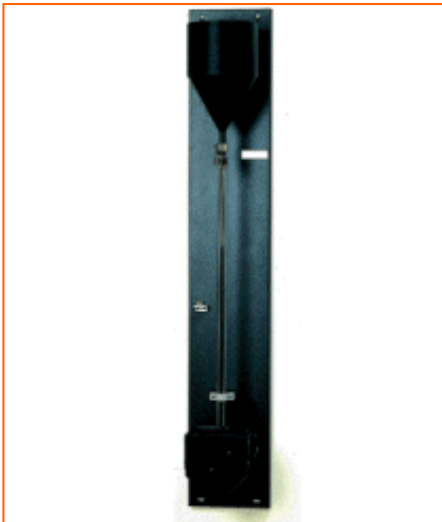


Elcometer 1700 Falling Sand Tester



Elcometer 1700 Falling Sand Tester

Elcometer 1700 Falling Sand Tester
Standardised sand placed in the reservoir is released and guided by the tube onto the test specimen, positioned at a 45° angle and at a distance of 25mm (0.98") from the lower aperture of the tube.

The volume of sand required to obtain total erosion of the coating of a known thickness in an area of approximately 4 mm (0.16") diameter with respect to the thickness of the coating, indicates the abrasion resistance.

Washability, Brushability and Abrasion Testers

Improved mechanical resistance is part of today's quality requirements. One important criteria for assessing this feature is abrasion resistance.

Depending on the nature and purpose of the product, various testing methods are available.

There are testing methods related to the "abrasion by friction" concept. Others are based on the projection of abrasive particles on to the test specimen. These techniques provide valuable information about materials and processes.

To meet industry's growing needs for research and control, Elcometer develops, manufactures and supplies a range of instruments designed for wear resistance tests. Standardised or conventional, these tests are widely used for numerous applications.

At a glance

- Simple to use test for abrasion using the falling sand test method.

Can be used in accordance with:	
ASTM D 968	DIN D 1164
FTMS 141b M6191	NFJ 17-093

Model	Description	Part Number
Elcometer 1700	Elcometer 1700 Falling Sand Tester	K0001700M001
Accessories	Ottawa ASTM Standardized Sand - 23kg (50.7lb)	KT001700N001
	CEN DIN EN 196-1 Standardized Sand - 50kg (110lb)	KT001700N002
	Artificial Corundum - NF Standard Bag of 5kg (11lb)	KT001700N003
	Glass Tube for Falling Sand Tester	KT001700P001

Related products



Elcometer 1720

This robust and easy to use Abrasion Tester is extremely flexible and is designed to test the washability, brushability and abrasion resistance of a wide range of materials, including paint, laquers, inks, coatings and much much more. Unlike most washability testers, this unit is easy to set up and is available as either a 2 or 4 station model and can measure on flat or curved surfaces.



Elcometer Taber
5130/5150

Often referred to as the industry standard the Taber rotary abrasers are written in to many standards throughout the world in many different industries. A sample of the product is positioned onto a rotating table and the user's choice of abrading wheels then apply the unique 'tearing' or abrasion pattern.



Elcometer Taber 5700

This linear abraser uses a free floating head to follow the contours of the sample under test - making it an ideal choice for abrasion testing of any curved surface.

ENGLAND

Elcometer 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 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 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 SA
Rue Vallée 13
B-4681 Hermalle /s Argenteau

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
97 Route de Chécý
45430 BOU

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
Ulmer Strasse 68
D-73431 Aalen

Tel: +49 (0)7361 52806 0
Fax: +49 (0)7361 52806 77
e-mail: de_info@elcometer.de
www.elcometer.de