Elcometer 2280 Matthis Fluidometer

Elcometer 2280 Matthis Fluidometer

Elcometer 2280 Matthis Fluidometer
A simple and easy-to-use instrument to measure the fluidity of a coating.

The product to be measured is poured into a semi-spherical cavity of the instrument, which is in the horizontal position. The instrument is then lifted vertically allowing the liquid to flow under gravity, in the groove, which is graduated in mm.

The distance it flows after approximately 10 seconds ±0.5 seconds, measured with the sand timer provided, indicates the fluidity of the coating.

At a glance

- *Used to measure the fluidity of a coating.*
- *Liquid is poured into a groove graduated in mm.*
- *After approximately 10 seconds, the distance flowed indicates its fluidity.*
- *Comes complete with a sand timer.*

Model	Description	Part Number
Elcometer 2280/1	Matthis Fluidometer	K0002280M001
Accessories	Spare Sand Bottle	KT002280N001

Viscosity

The extent to which a liquid resists a tendency to flow is defined as viscosity. In the coatings industry, this behaviour is one of the key parameters.

Elcometer manufactures and supplies a wide range of viscosity gauges from flow cups and dip cups to rotational and cone and plate viscometers

Flow Cups: The process of flow through an orifice can often be used as a relative measurement and classification of viscosity. This measured kinematic viscosity is generally expressed in seconds of flow time which can be converted into Centistokes using a viscosity disc calculator.

Dip Cups: Using the same principle to the flow cups, dip cups – Frikmar, Zahn, Shell, etc – can be used to provide a quick viscosity measurement on the shop floor or on site

Rotational: Rotational viscometers are used to determine the viscosity of liquids which do not depend solely on temperature and pressure. The behaviour of non-Newtonian liquids can be determined using a range of rotational viscometers in particular the Cone & Plate viscometers.

Related products

Elcometer 4280

This dual Levelling and Sag Tester combines the Elcometer 4260 and the Elcometer 4270 into one gauge.

Elcometer 2290

This simple instrument is used to assess the ability of thick or paste-like materials to flow. Ideal for materials such as paints or printing inks.

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 Chécy
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