

Elcometer 2410 Viscosity Standard Oils for Calibration



Elcometer 2410 Viscosity Standard Oils for Calibration

Elcometer 2410 Viscosity Standard Oils for Calibration

In order to check your viscosity cup's calibration or to certify for ISO purposes, it is imperative that you use viscosity standards.

Standard oils have a specific drain time, dependant on the viscosity cup type (Ford, Shell, Zahn, etc), and the orifice or cup number used.

To check the viscosity cup, simply use the standard viscosity oils in place of your liquid and measure the drain time.

(½ Litre/1 Pint).

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.

At a glance

- To check the viscosity cup's calibration, and certify it for ISO purposes.
- The specific drain time is dependant on the cup type.
- Replace your liquid with the standard oils to measure drain time.

Model	Description	Part Number
Elcometer 2410/1	Canon Standard Viscosity Oil S20 - 31 cP at 25°C	K0002410M001
Elcometer 2410/2	Canon Standard Viscosity Oil S60 - 100 cP at 25°C	K0002410M002
Elcometer 2410/3	Canon Standard Viscosity Oil S200 - 400 cP at 25°C	K0002410M003
Elcometer 2410/4	Canon Standard Viscosity Oil S600 - 1400 cP at 25°C	K0002410M004
Elcometer 2410/11	Canon Standard Viscosity Oil N10 - 15 cP at 25°C	K0002410M011
Elcometer 2410/12	Canon Standard Viscosity Oil N100 - 210 cP at 25°C	K0002410M012
Elcometer 2410/13	Canon Standard Viscosity Oil N350 - 750 cP at 25°C	K0002410M013
Elcometer 2410/21	Canon Standard Viscosity Oil C20 - 34 cSt at 25°C	K0002410M021
Elcometer 2410/22	Canon Standard Viscosity Oil C60 - 120 cSt at 25°C	K0002410M022
Elcometer 2410/23	Canon Standard Viscosity Oil C100 - 230 cSt at 25°C	K0002410M023
Elcometer 2410/24	Canon Standard Viscosity Oil C200 - 460 cSt at 25°C	K0002410M024
Elcometer 2410/25	Canon Standard Viscosity Oil C350 - 850 cSt at 25°C	K0002410M025
Elcometer 2410/26	Canon Standard Viscosity Oil C600 - 1600 cSt at 25°C	K0002410M026
Elcometer also provide a viscosity recalibration service using state of the art, climate controlled facilities, for information please contact Elcometer		

Related products



Elcometer Viscosity Cups

Very easy to use instruments of anodized aluminium with a stainless steel orifice. Viscosity Flow Cups are used for measuring the consistency of paints, varnishes and other similar products.



Elcometer FRIKMAR

Thanks to their handles, the Elcometer Dip Cups are very easy to use and performs quick controls on the construction site, in the workshop, or during the manufacturing process.



Elcometer 2310

Often used in the printing or ink industry, the Shell Cup is used for quick viscosity measurements on site or during production.



Elcometer 2215

The Lory Cup is a viscosity cup designed for measurements of thicker products. The cup is first dipped into the product to be measured and the flow time is recorded until the point of the internal needle first appears.



Elcometer 7300

A professional high precision stopwatch is required for measuring the flow time of a coating or other product under test with a viscosity cup.



Elcometer 2400

This viscosity calculator is a simple conversion table that allows the viscosity (usually recorded in cSt) and flow times (recorded in seconds) to be compared.

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 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
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