Elcometer 2210 Zahn Viscosity Cups



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Easy-to-use stainless steel apparatus, for quick viscosity measurement of products on site or during production. The cup is first dipped into the product to be measured, then empties through the orifice.

The measured kinematic viscosity is generally expressed in seconds (s) flow time, which can be converted to Centistokes (cSt).

Five different orifices for measurements between 5 and 1840cSt are available.

At a glance

- *Stainless Steel and easy to use on site or during production*
- *Dipped and emptied through orifice*
- *Expressed in second (s) but can be converted into centistrokes (cSt)*
- *Orifice available between 5 and 1840cSt*

Can be used in accordance with:	
ASTM D1084	ASTM D4212
ASTM D3794	

Model	Cup Number	Range Centistokes (cSt)[1]	Part Number
Elcometer 2210/1	1	5-56	K0002210M001
Elcometer 2210/2	2	21-231	K0002210M002
Elcometer 2210/3	3	146-848	K0002210M003
Elcometer 2210/4	4	222-1110	K0002210M004
Elcometer 2210/5	5	460-1840	K0002210M005
Accessories	2400 Viscosity Conversion Disk		KT002400N003
	Stopwatch		K0007300M201
	Viscosity Standard Oils for Calibration		See Standard Oils
Packing List	Elcometer 2210 Viscosity Dip Cup with handle, Storage case & Operating instructions		
Elcometer provide a viscosity recalibration service using state of the art, climate controlled facilities, for information please contact Elcometer			

[1] for information only

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 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.



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 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 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.

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