elcometer

Elcometer 2310 Shell Viscosity Dip Cup

Can be used in accordance with:
ASTM D 4212

The Elcometer 2310 Shell Viscosity Dip Cups are stainless steel cups for quick measurements on-site or during production. These viscosity dip cups are often used in the printing or ink industry.

Simply dip the cup into the product to be measured, lift it out and measure how long it takes for the contents to empty through the orifice.

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

Elcometer viscosity dip cups are available in six different orifice sizes for measurements between 2 and 1300cSt.

Technical Specification

Part Number	Description	Cup Number	Orifice Diameter	Range (cSt)[1]	Certificate
K0002310M001	Elcometer 2310/1 Shell Dip Cup	1	1.8mm	20-Feb	◊
K0002310M002	Elcometer 2310/2 Shell Dip Cup	2	2.4mm	10-50	◊
K0002310M003	Elcometer 2310/3 Shell Dip Cup	3	3.1mm	30-120	◊
K0002310M004	Elcometer 2310/4 Shell Dip Cup	4	3.8mm	70-270	◊
K0002310M005	Elcometer 2310/5 Shell Dip Cup	5	4.6mm	125-520	◊
K0002310M006	Elcometer 2310/6 Shell Dip Cup	6	5.8mm	320-1300	◊
K0002310M001C	Elcometer 2310/1 with calibration certificate	1	1.8mm	20-Feb	• (e)
K0002310M002C	Elcometer 2310/2 with calibration certificate	2	2.4mm	10-50	• (e)
K0002310M003C	Elcometer 2310/3 with calibration certificate	3	3.1mm	30-120	• e)
K0002310M004C	Elcometer 2310/4 with calibration certificate	4	3.8mm	70-270	• (e)
K0002310M005C	Elcometer 2310/5 with calibration certificate	5	4.6mm	125-520	• (e)
K0002310M006C	Elcometer 2310/6 with calibration certificate	6	5.8mm	320-1300	• (e)

1 For Information Only
(e) Effiux Time Certificate
• Calibration Certificate supplied as Standard
◊ Batch Calibration Certificate supplied as standard

Packing List

Elcometer 2310 Shell Dip Cup
Operating Instructions

Accessories

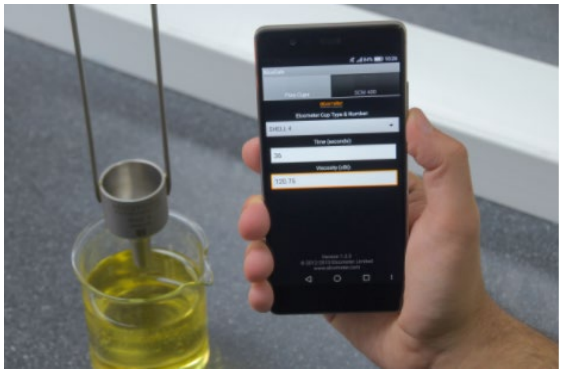
	K0007300M201	Elcometer 7300 High Precision Stopwatch
	KT002400N003	KT002400N003 Elcometer 2400 Conversion Disc Allowing viscosity (cSt) and flow times of different cups to be calculated. Front: No.4 cups according to AFNOR, BS, NF, ASTM, DIN, Zahn 2 Back: No.3-4-5-6 cups according to ISO and Zahn 3
Thermometers		
	T1164441-	Spirit Thermometer in °C
	G212----1A	Elcometer 212 Digital Pocket Thermometer °C with Liquid Probe
	G213----2	Elcometer 213/2 Digital Thermometer °C
	T9996390-	Elcometer 213/2 Liquid Probe

ElcoCalc™ Mobile App

Save time converting viscosity cup flow time into Centistokes (cSt) by using Elcometer's free app, ElcoCalc™, available from the Android or Apple App stores.

Fast and easy to use, ElcoCalc™ instantly converts viscosity cup flow time in seconds into Centistokes (cSt).

ElcoCalc™ works out the viscosity in Centistokes for you – simply choose your cup type, enter the flow time, and ElcoCalc™ does the rest.



Videos

How to measure viscosity using Elcometer Dip Cups

(Click on the image to the left to view the video)

When measuring the viscosity of a liquid, it is a common misconception that you are measuring how thick or thin a liquid is. What you are really measuring is the resistance a fluid has to flow.

There are a number of ways to measure the viscosity of a liquid, one of which is dip cups.