

# Elcometer 2210 Zahn Viscosity Dip Cups

Can be used in accordance with:  
ASTM D 1084-D, ASTM D 4212



The Elcometer 2210 Zahn Dip Cup is a small U-shaped cup suspended from a looped wire. This method is ideal for measuring the consistency of paints, varnishes and similar products.

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.

There are five cups with five different orifice sizes available, ranging from 5 to 1840cSt.

## Technical Specification

Part Number	Description	Cup Number	Orifice Diameter	Range (cSt) <sup>1</sup>	Certificate
K0002210M001	Elcometer 2210/1 Zahn Dip Cup	1	1.8mm	5-56	◇
K0002210M002	Elcometer 2210/2 Zahn Dip Cup	2	2.7mm	21-231	◇
K0002210M003	Elcometer 2210/3 Zahn Dip Cup	3	3.8mm	146-848	◇
K0002210M004	Elcometer 2210/4 Zahn Dip Cup	4	4.3mm	222-1110	◇
K0002210M005	Elcometer 2210/5 Zahn Dip Cup	5	5.3mm	460-1840	◇
K0002210M001C	Elcometer 2210/1 with calibration certificate	1	1.8mm	5-56	● <sup>(e)</sup>
K0002210M002C	Elcometer 2210/2 with calibration certificate	2	2.7mm	21-231	● <sup>(e)</sup>
K0002210M003C	Elcometer 2210/3 with calibration certificate	3	3.8mm	146-848	● <sup>(e)</sup>
K0002210M004C	Elcometer 2210/4 with calibration certificate	4	4.3mm	222-1110	● <sup>(e)</sup>
K0002210M005C	Elcometer 2210/5 with calibration certificate	5	5.3mm	460-1840	● <sup>(e)</sup>

<sup>1</sup> For Information Only

<sup>(e)</sup> Efflux Time Certificate

● Calibration Certificate supplied as Standard

◇ Batch Calibration Certificate supplied as standard

## Packing List

Elcometer 2210 Zahn Dip Cup with Handle  
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



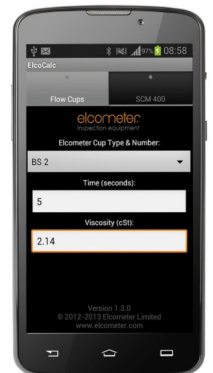
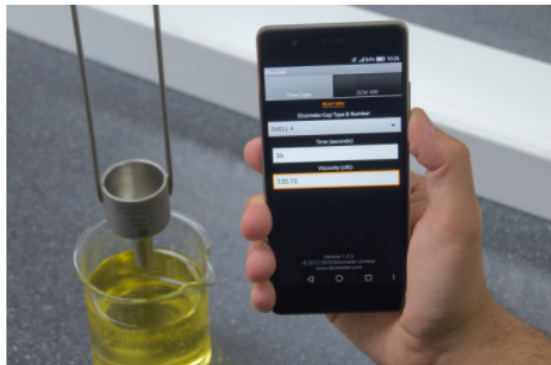
T1164441- Spirit Thermometer in °C  
G212----1A Elcometer 212 Digital Pocket Thermometer °C with Liquid Probe  
G213----2 Elcometer 213/2 Digital Thermometer °C  
T9996390- Elcometer 213/2 Liquid Probe

## 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.

