

Elcometer Viscosity Cup Standard Calibration Oils



Elcometer 2410 Calibration Oils

In order to check a viscosity cup's calibration or to certify it for ISO purposes, it is imperative that viscosity cup standard calibration oils are used.

Standard oils have a specified drain time, dependent upon the viscosity cup type (Ford, Shell, Zahn, etc) and the orifice size or cup number used.

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

Specific calibration oils can only be used with specific flow and dip cups. Please refer to the table below to establish which oil is required for each cup.

All viscosity oils are supplied in ½ litre (1 pint) bottles.

At a glance:

To check the viscosity cup's calibration and certify it for ISO purposes

The specific drain time is dependent on the cup type

Replace your liquid with the standard oils to measure drain time

Part Number	Range at 25°C (77°F)	Cup Type	Cup No.	Model	Orifice Diameter
K0002410M022	60 – 120cSt	DIN Flow Cup	4	Elcometer 2350/2	4mm
K0002410M023	100 – 230cSt	DIN Flow Cup	4	Elcometer 2350/2	4mm
K0002410M024	200 – 460cSt	DIN Flow Cup	4	Elcometer 2350/2	4mm
K0002410M021	20 – 34cSt	ASTM/Ford Flow Cup	2	Elcometer 2351/2	2.53mm
K0002410M022	60 – 120cSt	ASTM/Ford Flow Cup	3	Elcometer 2351/3	3.4mm
K0002410M023	100 – 230cSt	ASTM/Ford Flow Cup	4	Elcometer 2351/4	4.12mm
K0002410M021	20 – 34cSt	ISO Flow Cup	3	Elcometer 2353/1	3mm
K0002410M022	60 – 120cSt	ISO Flow Cup	4	Elcometer 2353/2	4mm
K0002410M023	100 – 230cSt	ISO Flow Cup	6	Elcometer 2353/4	6mm
K0002410M024	200 – 460cSt	ISO Flow Cup	6	Elcometer 2353/4	6mm

Related Products



Elcometer 7300 Stopwatch

Elcometer 7300 High Precision Stopwatch:
Measuring intervals: 1/100 second for 30 minutes and 1 second for 24 hours. Time / calendar display, 12/24 hour mode.

Part Number: K0007300M201



Elcometer 2400 Conversion Disc

Elcometer 2400 Conversion Disc:
Allows viscosity (cSt) and flow times of different cups to be compared.

Part Number: KT002400N003



Adjustable Stand with Bubble Level & Draw Down Plate

Part Number: KT002400N001



Double-Walled Stand with Thermo jacket

Part Number: KT002400N002

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