

Viscosity

Flow Cups

Simple to use flow cups for the approximate measurement of apparent viscosity in a wide range of materials including paints, varnishes, lacquers, inks and other viscous products.

BS-ISO Flow Cups

To BS3900 part A6 : 1996; ASTM D5125; EN - ISO2431; DIN 53224. Aluminium alloy with stainless steel jet. The cup number is the orifice diameter in mm.

VC100-15 No. 3
VC100-20 No. 4
VC100-25 No. 5

VC100-30 No. 6
VC100-40 No. 8*

*Note: This cup is not in the current BS-ISO series but is offered for use with high viscosity samples.

B-Type Flow Cups

Aluminium alloy. As specified in former BS3900 Section A6: 1971. Viscosity range stated is approximate.

	Jet	Orifice diameter inches	Viscosity range stokes
VC120-10	B2	0.093	0 to 0.5
VC120-15	B3	0.125	0.4 to 1.2
VC120-20	B4	0.156	0.8 to 2.5
VC120-25	B5	0.187	1.5 to 10
VC120-30	B6	0.281	10 to 50

Accessory stand for Flow Cups

VC148-18 Stand, with levelling feet and built-in spirit level

Zahn Flow Cups

Stainless steel with 300mm looped handle with ring which allows cup to be held vertically. Cup capacity 44ml. To ASTM D816 and ASTM D1084.

	No.	Orifice diameter inches	Viscosity range centipoise
VC170-10	1	0.078	20 to 85
VC170-20	2	0.108	30 to 170
VC170-30	3	0.148	170 to 550
VC170-40	4	0.168	200 to 900
VC170-50	5	0.208	250 to 1200

Stopwatches – see *Timers* section.

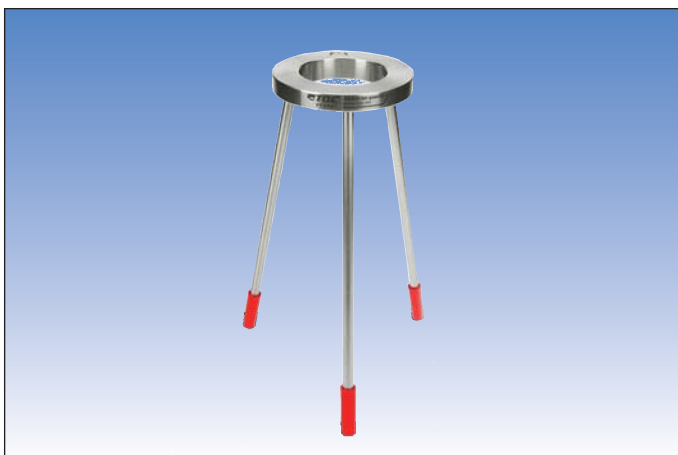
ASTM/IP Thermometers – see *Thermometers* section.

Note

To convert readings in centistokes (cSt) into centipoise (cP) the value should be multiplied by the sample liquid's specific gravity.



VC100



VC148-18



VC170