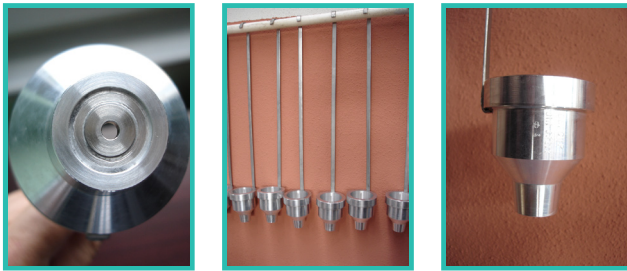


9.4. SDC SERIES DIN VISCOSITY FLOW CUPS

AREAS OF USE

It is widely used for fast and efficient comparison of low viscosity fluids in the laboratory. It is often preferred to measure the viscosity of products such as paint, varnish, and ink.



STANDARD SPECIFICATIONS

The main body is manufactured from rigid aluminum in accordance with DIN 53211 standards in the CNC machining center. The hole orifice made of stainless steel is placed in the Din Cup outlet hole with an accuracy of ± 0.02 mm. The Din Cup is completely polished inside and out, minimizing waste of time in terms of cleaning. The viscosity of any liquid to be measured is expressed as the time of passage through a certain hole diameter from the Din Cup with a volume of 100 ml. Keeping the inner geometry and structure of the cup as same, the outlet holes can be manufactured as 2, 3, 4, 6 and 8 mm as standard. The time of transition is measured by the chronometer.

OPTIONAL SPECIFICATIONS

The tripod carrier on which Din Cup will be placed, the handle to be used by dipping in to the product are optional.

Product Type	SDC 2	SDC 3	SDC 4	SDC 6	SDC 8
Hole diameter (mm)	2	3	4	6	8
Viscosity Range [Centipoise]	10 - 50	35 - 300	50 - 800	300 - 1500	500 - 500

* Values applies to materials that are between transition time 20-200 sec.