

Zahn Viscosity Dip Cups (Immersion)

Ascotts range of stainless steel immersion Zahn Viscosity Cups, are manufactured with precision CNC drilled fixed stainless steel inner cavity nozzle supplied with a loop handle. The immersion Zahn cups are ideal for measuring coatings and other fluids during application or production.

Complies with ASTM D816, ASTM D1084 and ASTM D4212.

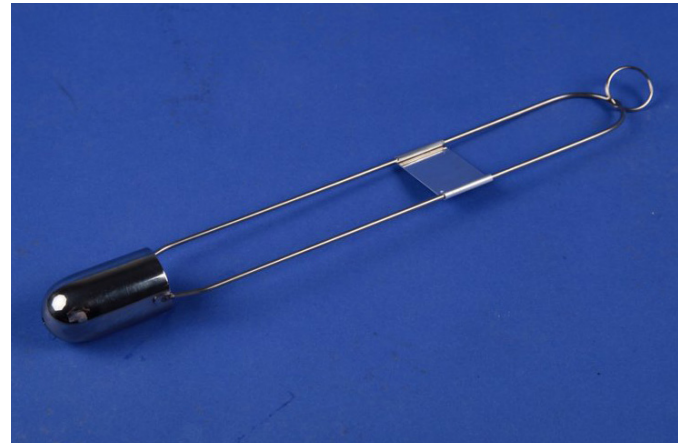
Key Features

- 12" loop handle to allow the cup to be dipped in the liquid container.
- Stainless steel 44ml volume cup precision moulded to high quality design.
- Supplied as standard with calibration certificate.
- Cup engraved with the serial number, test standard compliance and K coefficient.
- Cup supplied in storage case with soft material on the inside.

Method

- Select the correct cup type to be used from the below specification table, which is selected from the expected viscosity.
- Holding the cup at the top of the ring loop, dip the cup into the liquid to be measured up to the top rim.
- Lift the cup out and time how long it takes for the liquid to drain through the cups orifice.
- Stop the timer when the first break in the stream of liquid is noticed.

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



TECHNICAL SPECIFICATION

Part Number	Description	Orifice Diameter	Zahn Range (sec)	Centistokes Range	Applications
T01-700190	Zahn Cup 1	1.98mm/0.08"	33.5-80	5-56	Very Thin Oil
T01-700191	Zahn Cup 2	2.74mm/0.11"	20-80	21-231	Thin Oil, Paint Lacquer
T01-700192	Zahn Cup 3	3.76mm/0.15"	20-75	146-848	Medium Oil, Mixed Paint
T01-700193	Zahn Cup 4	4.27mm/0.17"	20-80	222-1110	Viscous Liquid and Mixtures
T01-700194	Zahn Cup 5	8.1mm/0.31"	20-80	460-1840	Very Viscous Mixture

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