



The Viscosity Cup DIN 53211 (DIN4) Immersion is a range of titanium anodized aluminum or stainless steel viscosity cups with fixed stainless steel nozzle (inner cavity) and handle. Inner dimensions similar to DIN 53211. Ideal for measuring coatings and other fluids during application or production.

The dimensions of this flow cup are according to DIN 53211, fitted with a handle, and also referred to as a FRIKMAR cup.

#### How To Use:

- Insure that the cup is clean and that there is no residual dried material in or around the orifice.
- Insure that the test material is at specified measuring temperature.
- Place the cup in a suitable leveled holder and place a receiving container under the cup.
- Place a finger against the orifice and fill the cup with the test material until the meniscus, where it joins the sidewall of the cup, disappears. If there are bubbles in the sample, allow time for them to rise to the surface. If the cup is overfilled, remove the excess by sliding the cover plate across the top of the cup. With the plate in this position the finger may be removed. Remove the finger from the orifice or pull the scraper plate from the top of the cup and simultaneously start a timer.
- Hold a thermometer in the efflux stream in order to accurately determine the temperature of the test material.
- Stop the timer at the first observed break in the efflux stream between one and two inches below the orifice.
- Record the cup used, the designation and temperature of the test material and the number of seconds of efflux time.
- Promptly clean the cup unless it will be used immediately for a rerun of the same material.

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