



VISCOSITY

FLOW CUP VISCOMETERS

CODE:10002

Flow cups, designed to perform quick viscosity and consistency evaluations of newtonian or near newtonian products.

The measured viscosity is generally expressed in seconds.

- * Provide good degree of accuracy and repeatability.
- * Simple and easy to use.
- * These cups cover a wide range of viscosities in accordance with international standards.
- * They are made of high quality Aluminium / Brass,
- * Stainless Steel inner orifice.
- * **Standards** conforming to ASTM / BS / DIN / IS / ISO / EN / AFNOR.
- * Each cup is engraved with serial number and standard
- * All cups come with our confirmatory certificate.
- * To be used with stand.



IS 101 VISCOSITY FLOW CUP

| STANDARD | NO. | ORIFICE | | CODE | |
|--------------------------|-----|-----------|----------|----------|--|
| | | DIA. (mm) | Aluminum | Brass | |
| IS:101/Part-1/Sec 5/1999 | 2 | 2.38 | 10002-01 | 10002-02 | |
| | 3 | 3.17 | 10002-03 | 10002-04 | |
| | 4 | 3.97 | 10002-05 | 10002-06 | |
| | 5 | 4.76 | 10002-07 | 10002-08 | |
| | 6 | 7.12 | 10002-09 | 10002-10 | |



ASTM D 1200 VISCOSITY FLOW CUP (FORD)

| STANDARD | NO. | ORIFICE | | CODE | |
|------------|-----|-----------|----------|----------|--|
| | | DIA. (mm) | Aluminum | Brass | |
| ASTM D1200 | 1 | 2.1 | 10002-11 | 10002-12 | |
| | 2 | 2.8 | 10002-13 | 10002-14 | |
| | 3 | 3.4 | 10002-15 | 10002-16 | |
| | 4 | 4.1 | 10002-17 | 10002-18 | |
| | 5 | 5.8 | 10002-19 | 10002-20 | |



BS VISCOSITY FLOW CUP

| STANDARD | NO. | ORIFICE | | CODE | |
|----------|-----|-----------|----------|----------|--|
| | | DIA. (mm) | Aluminum | Brass | |
| BS 3900 | 2 | 2.38 | 10002-21 | 10002-22 | |
| | 3 | 3.17 | 10002-23 | 10002-24 | |
| | 4 | 3.97 | 10002-25 | 10002-26 | |
| | 5 | 4.76 | 10002-27 | 10002-28 | |
| | 6 | 7.14 | 10002-29 | 10002-30 | |





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DIN VISCOSITY FLOW CUP

| STANDARD | NO. | ORIFICE DIA. (mm) | CODE |
|-----------|-----|-------------------|----------|
| DIN 53211 | 2 | 2 | 10002-31 |
| | 4 | 4 | 10002-32 |
| | 6 | 6 | 10002-33 |
| | 8 | 8 | 10002-34 |
| | 10 | 10 | 10002-35 |



ISO VISCOSITY FLOW CUP

| STANDARD | NO. | ORIFICE DIA. (mm) | Aluminum CODE | Brass CODE |
|----------------------|-----|-------------------|---------------|------------|
| ISO CUP 2431 (BS/EN) | 3 | 3 | 10002-36 | 10002-37 |
| | 4 | 4 | 10002-38 | 10002-39 |
| | 5 | 5 | 10002-40 | 10002-41 |
| | 6 | 6 | 10002-42 | 10002-43 |
| | 8 | 8 | 10002-44 | 10002-45 |

AFNOR VISCOSITY FLOW CUP

| STANDARD | NO. | ORIFICE DIA. (mm) | Aluminum CODE |
|----------|-----|-------------------|---------------|
| AFNOR | 2.5 | 2.46 | 10002-55 |
| | 4 | 4.0 | 10002-56 |
| | 6 | 6.0 | 10002-57 |
| | 8 | 8.0 | 10002-58 |

ZAHN VISCOSITY FLOW CUP

Zahn cups are immersion type cups made of Stainless Steel and fitted with a long loop handle. These cups are generally used for quick check of product flow during application or production. They are suitable for paint and inks.

- * **Standards** conforming to ASTM D 4212
- * Each cup is engraved with serial number and standard
- * All cups come with our confirmatory certificate.



| STANDARD | NO. | ORIFICE DIA. (mm) | CODE |
|------------------------|-----|-------------------|----------|
| ZAHN CUP ASTM D4212 | 1 | 1.8 | 10002-46 |
| | 2 | 2.7 | 10002-47 |
| | 3 | 3.8 | 10002-48 |
| | 4 | 4.3 | 10002-49 |
| | 5 | 5.3 | 10002-50 |

| | |
|--|----------|
| Calibration Certificate for cup only, NPL Traceable. | 10002-53 |
| Glass plate 100mm x 100mm x 4mm | 10002-54 |
| Calibrated viscosity oils / fluids (Traceable) | |
| Ranges : 50cps | 10002-75 |
| Ranges : 100cps | 10002-76 |
| Ranges : 500cps | 10002-77 |
| Ranges : 1000cps | 10002-78 |





VISCOSITY

Level adjustable Stand for all of the above cups,
with cup holding Ring,
Base made of casting, Ring made of Aluminium.

10002-51

Level adjustable Tripod Stand for all of the above cups,
Made of stainless steel with non slip base.

10002-52

Digital Stop Watch, Resolution 1/100th of second,
with built in Time, Calender, and Alarm, with carrying cord.

15074-00



Digital Thermometer with built in 100mm S.S. probe.
All in one function, Data hold, Min./Max. High/low alarm
Both C / F combined, Battery operated.
Range: -30°C to 250°C

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DESIGNED & MANUFACTURED BY:



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