Cole-Parmer® Zahn-Style Viscosity Cups

No complicated training needed

NEW

– Measures viscosity of paint, lacquer, oil, syrups, and more
– Stainless steel construction
– Requires only 44 mL of sample
– Supplied with conversion sheet to translate Zahn time to centistokes

Cole-Parmer®

Cup number	Range (cSt)	Standard cups		Cups with NIST-traceable calibration report	
		Catalog number	Price	Catalog number	Price
1	18 to 56	GY-08700-60		GY-08700-65	
2	40 to 230	GY-08700-61		GY-08700-66	
3	150 to 790	GY-08700-62		GY-08700-67	
4	220 to 1100	GY-08700-63		GY-08700-68	
5	460 to 1725	GY-08700-64		GY-08700-69	

Calibrated Glass Capillary Viscometers

Meet ASTM testing methods

– Each viscometer is calibrated in accordance with ASTM D446

All glass capillary viscometers conform to ASTM D445, ASTM D446, ISO 3104, and ISO 3105 standards; Zeitfuchs cross-arm and Cannon-Fenske opaque viscometers also conform to ASTM D2170.

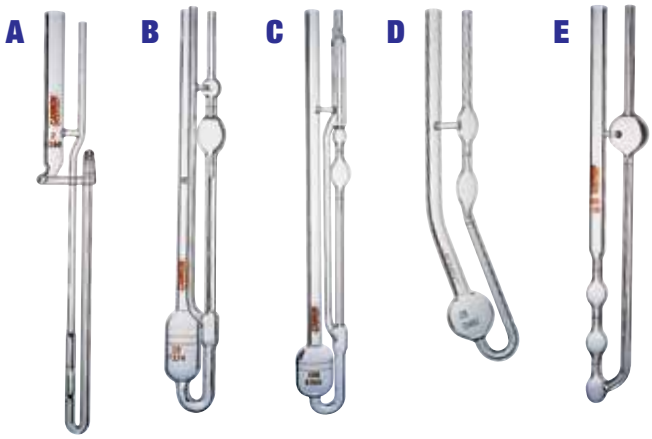
A. Zeitfuchs® Cross-Arm Viscometers. Use to determine kinematic viscosities of transparent and opaque Newtonian liquids. Require a 1- to 3-mL minimum sample volume.

B. Ubbelohde Viscometers. Use to determine kinematic viscosities of transparent Newtonian liquids. Require an 11-mL sample volume.

C. Cannon-Ubbelohde Viscometers. Use to determine kinematic viscosities of transparent Newtonian liquids such as jet and hydraulic lubricants. Especially well suited for temperatures above 200°F. Require an 11-mL sample volume.

D. Cannon-Fenske Routine Viscometers. Quickly and easily measure the viscosities of transparent Newtonian liquids in the chemical and petroleum industries. Require a 7-mL sample volume.

E. Cannon-Fenske Opaque Viscometers (reverse flow type). Use for dark Newtonian liquids; especially suited for liquids so dark in color that the meniscus cannot be seen in a Cannon-Fenske routine viscometer. Require an 12-mL sample volume.



Universal size no.	Approx constant (cSt/sec)	Range (cSt)	Catalog number	Price
A. Zeitfuchs cross-arm viscometers				
1	0.003	0.6 to 3	GY-98934-00	
2	0.01	2 to 10	GY-98934-01	
3	0.03	6 to 30	GY-98934-02	
4	0.10	20 to 100	GY-98934-03	
5	0.3	60 to 300	GY-98934-04	
6	1.0	200 to 1000	GY-98934-05	
B. Ubbelohde viscometers				
0	0.001	0.3 to 1	GY-98934-10	
0C	0.003	0.6 to 3	GY-98934-11	
0B	0.005	1 to 5	GY-98934-12	
1	0.01	2 to 10	GY-98934-13	
1C	0.03	6 to 30	GY-98934-14	
1B	0.05	10 to 50	GY-98934-15	
2	0.1	20 to 100	GY-98934-16	
2C	0.3	60 to 300	GY-98934-17	
2B	0.5	100 to 500	GY-98934-18	
3	1.0	200 to 1000	GY-98934-19	
3C	3.0	600 to 3000	GY-98934-20	
3B	5.0	1000 to 5000	GY-98934-21	
4	10	2000 to 10,000	GY-98934-22	
4C	30	6000 to 30,000	GY-98934-23	
4B	50	10,000 to 50,000	GY-98934-24	
5	100	20,000 to 100,000	GY-98934-25	

Universal size no.	Approx constant (cSt/sec)	Range (cSt)	C. Cannon-Ubbelohde		D. Cannon-Fenske routine		E. Cannon-Fenske opaque	
			Catalog number	Price	Catalog number	Price	Catalog number	Price
25	0.002	0.5 to 2	GY-98934-30		GY-98934-50		GY-98934-70	
50	0.004	0.8 to 4	GY-98934-31		GY-98934-51		GY-98934-71	
75	0.008	1.6 to 8	GY-98934-32		GY-98934-52		GY-98934-72	
100	0.015	3 to 15	GY-98934-33		GY-98934-53		GY-98934-73	
150	0.035	7 to 35	GY-98934-34		GY-98934-54		GY-98934-74	
200	0.1	20 to 100	GY-98934-35		GY-98934-55		GY-98934-75	
300	0.25	50 to 250	GY-98934-36		GY-98934-56		GY-98934-76	
350	0.5	100 to 500	GY-98934-37		GY-98934-57		GY-98934-77	
400	1.2	240 to 1200	GY-98934-38		GY-98934-58		GY-98934-78	
450	2.5	500 to 2500	GY-98934-39		GY-98934-59		GY-98934-79	