

PolyScience® Constant-Temperature Viscosity Baths

Stop temperature fluctuations—respond to changes quickly

These kinematic viscosity baths meet ASTM D-445 specifications for measuring petroleum, lubricants, polymer coatings, food, paint, and other liquids. Advanced PID controls maintain precise temperatures and quick responsiveness under changing heat load conditions. The integral recirculating pump ensures uniform temperature. Large, backlit digital display shows both set and actual values. Other features include Celsius/Fahrenheit selection, high/low temperature limits, chemical- and thermal-resistant top plate, and transparent tank for excellent visibility. Accommodates six viscometers.

What's included: tempered glass tank, top plate, circulator, covers for holes, and power cord.



Bath capacity	Temperature range	Temperature stability	Power (VAC, Hz)	Catalog number	Price
17 L (4.5 gal.)	Ambient +10 to 135°C (ambient +50 to 275°F)	±0.07°C	120, 60	GH-98935-22	
27 L (7.1 gal.)			240, 50	GH-98935-24	
			120, 60	GH-98935-26	
			240, 50	GH-98935-28	



Cole-Parmer® Viscosity Standards

Don't sacrifice accurate readings

– Calibrated to a precision of ±0.2% of viscosity

Calibrate both automatic and manual kinematic and Saybolt viscosity equipment. Standards are NIST-traceable and certified to ASTM D2162 under ISO/IEC 17025 guidelines. Standards are supplied in 500-mL bottles and include an NIST-traceable calibration report supplied by the manufacturer and a Material Safety Data Sheet.



Viscosity standard	Kinematic viscosity in cSt							Saybolt viscosity			Catalog number	Price	
	68°F (20°C)	77°F (25°C)	100°F (38.8°C)	104°F (40°C)	122°F (50°C)	140°F (60°C)	210°F (98.9°C)	212°F (100°C)	100°F SUS†	210°F SUS†			122°F SFS†
N1.0	1.3	1.2	1.0	0.97	—	—	—	—	—	—	—	GH-98944-64	
S3	4.6	4.0	3.0	2.9	2.4	—	1.2	1.2	—	—	—	GH-98944-66	
S6	10	8.7	6.0	5.7	4.5	—	1.9	1.9	—	—	—	GH-98944-68	
N10	21	17	11	10	7.3	—	2.7	2.7	—	—	—	GH-98944-70	
S20	43	34	20	18	13	—	4.0	3.9	96.6	—	—	GH-98944-72	
N35	77	59	35	29	20	—	5.3	5.2	152.1	—	—	GH-98944-74	
S60	165	121	60	54	35	—	7.7	7.5	281	—	—	GH-98944-76	
N100	372	268	128	114	70	—	13	13	592	—	—	GH-98944-78	
S200	672	468	200	181	107	—	18	17	955	88.2	—	GH-98944-80	
N350	1255	865	371	324	186	—	28	27	—	131.5	—	GH-98944-82	
S600	2184	1472	600	518	286	—	37	37	—	174	135.2	GH-98944-84	
N1000	4678	3089	—	1020	542	350	—	57	—	—	—	GH-98944-86	
S2000	8323	5422	2000	1719	889	—	87	83.3	—	405	—	GH-98944-88	
N4000	17,889	11,470	—	3448	1720	850	—	137	—	—	—	GH-98944-90	
S8000	34,931	22,383	8000	6710	3317	—	—	242	—	—	—	GH-98944-92	

†SUS is Saybolt Universal Seconds; SFS is Saybolt Furoil Seconds.

Accessories for Viscosity Baths

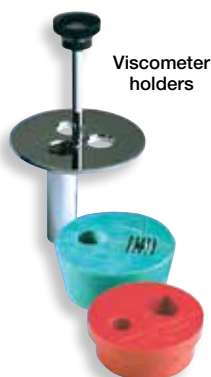
Viscometer Holders

For use with baths on page 942, constant-temperature baths on page 943, and viscometers on page 941. All brass holders include a handle.

Bath Oil

Use bath oil for high-temperature baths. Viscosity is 36 cSt at 104°F (40°C); 5.6 cSt at 212°F (100°C). Use below 275°F (135°C).

[GH-98935-52](#) Bath oil, six gallons



Viscometer type	Material	Catalog number	Price
Zeitfuchs® cross-arm	Neoprene	GH-98934-96	
	Brass	GH-98934-97	
Ubbelohde	Brass	GH-98934-95	
	Plastic	GH-98934-92	
Cannon Ubbelohde	Neoprene	GH-98934-93	
	Brass	GH-98934-94	
Cannon-Fenske routine/opaque	Plastic	GH-98934-90	
	Neoprene	GH-98934-91	
	Brass	GH-98934-98	