

Micro-Ubbelohde viscometers

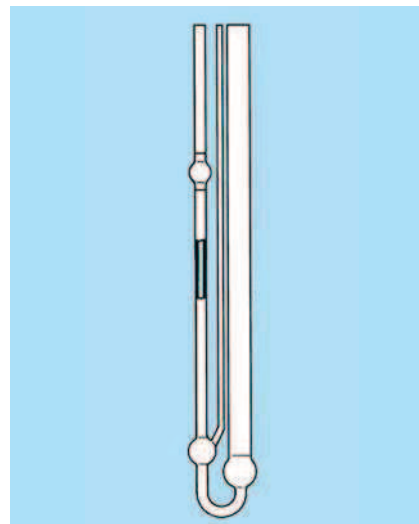
Viscometers for dilution viscometry

Viscometers with suspended ball level for determination of absolute and relative kinematic viscosity of liquids with Newtonian flow behavior. Due to their design, these viscometers are especially suitable for measurement of small liquid quantities and for particularly short running times. All viscometers are provided with ring marks. This ensures that viscometers for automatic measurements can also be checked by means of manual measurements.

Micro-Ubbelohde viscometers (DIN)

The calibrated viscometers are delivered with manufacturer's certificate in accordance with DIN 55 350, Part 18. For measurements with automatic viscosity measuring instruments, another constant is valid. This constant is determined by multiplication of the constant K with the correction factor F.

- in accordance with DIN 51562, Part 2
- filling quantity: 3 ... 4 ml
- overall length: approx. 290 mm



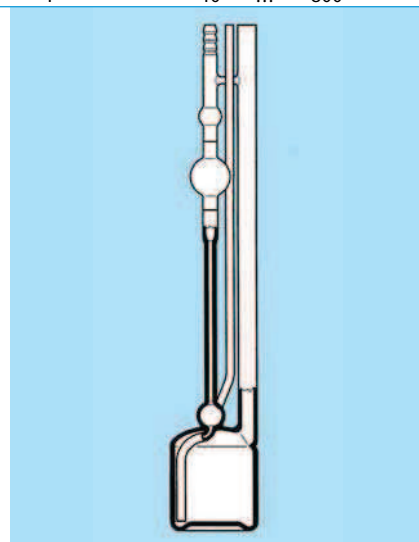
calibrated, with constant for manual measurement		calibrated, with constant for automatic measurement		not calibrated, without constant; for determination of relative viscosity		Capillary Ø i [mm]	Constant K (approx.)	Measuring range [mm ² /s] (approx.)	
Type No.	Order No.	Type No.	Order No.	Type No.	Order No.				Capillary No.
536 10	285401009	537 10	285401103	538 10	285401206	M I	0.40	0.01	0.4 ... 6
536 13	285401017	537 13	285401111	538 13	285401214	M Ic	0.53	0.03	1.2 ... 18
536 20	285401025	537 20	285401128	538 20	285401222	M II	0.70	0.1	4 ... 60
536 23	285401033	537 23	285401136	538 23	285401239	M IIc	0.95	0.3	12 ... 180
536 30	285401041	537 30	285401144	538 30	285401247	M III	1.26	1	40 ... 800

Viscometers for dilution viscometry

Viscometers with suspended ball level designed according to the principle of the Ubbelohde viscometers for determination of the limit viscosity number of polymers. The limit viscosity number is determined automatically in combi-

nation with viscosity measuring instruments and piston burette, type AVS 20, made by SCHOTT Instruments.

- filling quantity: 15 ... 75 ml
- overall length: approx. 290 mm



not calibrated, for automatic measurements			Capillary Ø i [mm]	Constant K (approx.)	Measuring range [mm ² /s] (approx.)
Type No.	Order No.	Capillary No.			
531 00	285401403	0	0.36	0.001	0.35 ... 0.6
531 03	285401428	0c	0.47	0.003	0.5 ... 2
531 01	285401411	0a	0.53	0.005	0.8 ... 3
531 10	285401436	I	0.64	0.01	1.2 ... 6
531 13	285401444	Ic	0.84	0.03	3 ... 20
531 20	285401452	II	1.15	0.1	10 ... 60