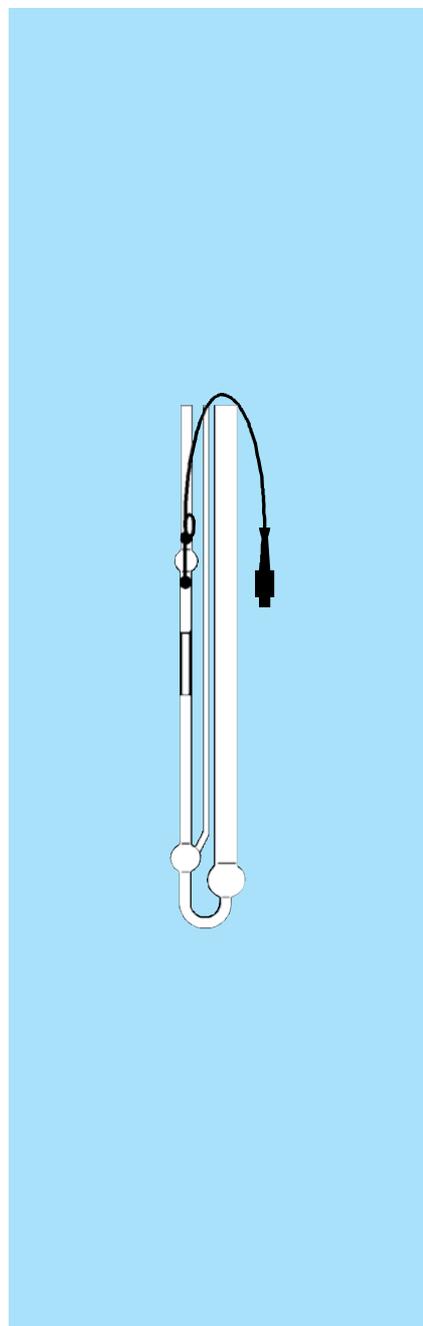


## Micro-Ubbelohde viscometers with TC sensors



Viscometers with suspended ball level for determination of absolute and relative kinematic viscosity of liquids with Newtonian flow behaviour. The measuring levels are marked by TC sensors. The meniscus passage is detected due to the different conductivity of the liquid phase and the gas phase. A measurement stand of the type series AVS/S is not required. TC viscometers can be used to determine the kinematic viscosity of all liquids with Newtonian flow behaviour.

They are especially suitable for liquids that cannot be detected with other systems: untransparent and/or black and/or electrically conductive measuring samples.

TC viscometers are manufactured from technical glass types with an expansion coefficient of  $\alpha = \text{ca. } 9 \cdot 10^{-6}$ . Due to the electric properties of TC sensors, it is important to make sure that a type is selected that is suitable for the required application temperature.

### Micro TC viscometers

- the technical measurement characteristics are in accordance with DIN 51 562, Part 2
- for use in combination with an automatic viscosity measuring instrument
- filling quantity: 3 ... 4 ml
- overall length: approx. 350 mm

calibrated,  
with constant for automatic measurements

Type No.	Order No.	Type No.	Order No.	Type No.	Order No.	Capillary No.	Capillary Ø i [mm]	Constant K (approx.)	Measuring range [mm <sup>2</sup> /s] (approx.)
+10 ... +80 °C		-40 ... +30 °C		+70 ... +150 °C					
572 10	285423710	573 10	285423780	574 10	285423850	M I	0.40	0.01	0.4 ... 6
572 13	285423720	573 13	285423790	574 13	285423860	M Ic	0.53	0.03	1.2 ... 18
572 20	285423730	573 20	285423800	574 20	285423870	M II	0.70	0.1	4 ... 60
572 23	285423740	573 23	285423810	574 23	285423880	M IIc	0.95	0.3	12 ... 180
572 30	285423750	573 30	285423820	574 30	285423890	M III	1.26	1	40 ... 800