



## Measuring instrument for viscosity analysis ViscoClock plus

SI Analytics

**Measuring instrument for viscosity analysis ViscoClock plus**

The ViscoClock plus is an electronic timing unit for glass capillary viscometers used to determine kinematic and relative viscosity. Succeeding the well-proven ViscoClock, the new instrument features data storage and simpler handling. The ViscoClock plus is designed for SI Analytics Ubbelohde (DIN; ASTM; Micro) and Micro Ostwald viscometers. To determine absolute kinematic viscosities, viscometers have to be used which are calibrated for automatic measurements. The ViscoClock plus automatically measures the flow time of temperature-stabilized liquids in capillary viscometers by means of infrared light barriers. The viscometer including a sample is inserted into the ViscoClock plus and immersed into a thermostatic bath for temperature stabilization. After thermostating, the sample is pumped into the measuring bulb, and the flow time is detected automatically. The large display enables easy read-off of flow times and additional information: date, time, sample ID and viscometer ID. The ViscoClock plus can be used in all SI Analytics bath types.



**ViscoClock plus:** Electronic timing unit for glass capillary viscometers, power supply 100-230 V, manual pump

**ViscoClock plus M1:** Device incl. thermostatic bath for temperatures from 10 to 60 °C

**ViscoClock plus M2:** Device incl. thermostatic bath for temperatures from -40 to 150 °C

**Specifications**

**Measuring range:** Up to 999.99 secs. / resolution 0.01 sec.

**Timing accuracy:** ±0.01 sec. ±1 digit

**Measuring range viscosity:** 0.35 to 10000 mm<sup>2</sup>/sec. (cSt)

**USB interface:** For connecting an USB stick or a printer (TZ 3863)

**Operating temperature:** Stand: -40 to +150 °C

**Electronic measuring unit:** +10 to +40 °C

**Dimensions (W x D x H):** approx. 90 x 30 x 515 mm

**Weight:** approx. 450 g (without viscometer)



**Power pack approx. 220 g**

Code	Description	Packaging
LLG06285151	Measuring instrument for viscosity analysis ViscoClock plus, Type ViscoClock plus	1 pz.
LLG06272223	Measuring instrument for viscosity analysis ViscoClock plus, Type ViscoClock plus M1, 115 V	
LLG06272199	Measuring instrument for viscosity analysis ViscoClock plus, Type ViscoClock plus M1, 230 V	1 pz.
LLG06272225	Measuring instrument for viscosity analysis ViscoClock plus, Type ViscoClock plus M2, 115 V	



Code	Description	Packaging
LLG06272224	Measuring instrument for viscosity analysis ViscoClock plus, Type ViscoClock plus M2, 230 V	1 pz.



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