



Measuring instrument for viscosity analysis ViscoClock plus

SI Analytics

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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 mm²/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	
LLG06272224	Measuring instrument for viscosity analysis ViscoClock plus, Type ViscoClock plus M2, 230 V	1 pz.



CARLO ERBA Reagents S.A.S.
 Chaussée du Vexin – 27106 Val
 de Reuil cedex
 N° TVA: FR 63391048824
 Tél : +33 (0)2 32 09 20 00
www.carloerbareagents.com



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