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
LLG06272199	Measuring instrument for viscosity analysis ViscoClock plus, Type ViscoClock plus M1, 230 V	1 pz
LLG06272223	Measuring instrument for viscosity analysis ViscoClock plus, Type ViscoClock plus M1, 115 V	
LLG06272224	Measuring instrument for viscosity analysis ViscoClock plus, Type ViscoClock plus M2, 230 V	1 pz
LLG06272225	Measuring instrument for viscosity analysis ViscoClock plus, Type ViscoClock plus M2, 115 V	
LLG06285151	Measuring instrument for viscosity analysis ViscoClock plus, Type ViscoClock plus	1 pz

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CARLO ERBA Reagents operates with a Certified Quality Management System