

LABTRON



Viscometer

LVM-B1 and C1 Series

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VISCOMETER

Viscometer LVM-B1 Series

Viscometer LVM-B1 series is used to determine a fluid's internal flow resistance or viscosity. This viscometer has bright, easy to read LCD digital display. The viscometer is useful in any area that requires the study of flow of liquids properties. It is user-friendly, and portable in nature.

Features

- ◆ LCD panel displays measurement data without secondary calculations
- ◆ Optional temperature probe for the real time measurement
- ◆ Automatic scanner for selecting the best combination of rotor and rotating speed for the test
- ◆ Optional data processing software with real-time recording of viscosity

Applications

Viscometer finds major applications in chemical and material industry, cosmetics, petroleum industry, research institutes, for analysis of fluids.

Specifications

Model no.	LVM-B10	LVM-B11
Measuring range	0.1 to 100,000 mPa.s	0.1 to 2,000,000 mPa.s
Rotational speed	6/12/30/60 (r/min)	0.3/0.6/1.5/3/6/12/30/60 (r/min)
Rotor	1-4 number rotors, Measuring viscosity lower than 10 needs to be equipped with the 0 number rotar	
Measuring Error (Newtonian liquid)	±1%	
Repeatability error (Newtonian liquid))	±0.5%	
Data output	RS232C/USB	
Power	110 V/60 Hz or 220 V/50 Hz	
Dimension	300 × 300 × 450 mm	
Net weight	7.5 kg	
Gross weight	8 kg	

VISCOMETER

Standard Accessories

Accessories No.	Name
01	Rotor protection frame
02	(1, 2, 3, 4) number rotor

Optional accessories

Accessories No.	Name
01	Constant temperature water bath, 10 to 100°C, only 220 V
02	Thermal Printer (with 1 roller paper)
03	Temperature probe
04	Ultra-low viscosity adapter (0 # rotor)
05	Thermostatic cup
06	PC Software RS232-USB Line
07	Calibrate silicone oil 400ml

VISCOMETER

Viscometer LVM-C1 Series

The rotational Viscometer LVM-C1 series with stylish and modern technology, measures viscosity very quickly and accurately. It does measure & save 30 pcs test data. It is used in any area that requires the study of flow of liquid properties. They are handheld, user- friendly, and portable in nature.

Features

- ◆ 5 inch color touch-screen with multiple specifications
- ◆ Use of ARM technology and built-in Linux system for quick and accurate results
- ◆ Computer based self-calibrated measuring range for error free results
- ◆ User-friendly, and portable in nature

Applications

Viscometer is used to measure viscosity of fluids, fluids under high melting temperature such as paints, coatings, cosmetics, inks, paper pulp, food, oil, starch, solvent-based glue, latex, and other biochemical products.

Specifications

Model No.	LVM-C10	LVM-C11	LVM-C12	LVM-C13
Rotating speed	3/6/12/30/60 (r/min)		0.3/0.6/1.5/3.6/12/30/60 (r/min)	0.1/0.3/0.6/1.5/3/6/12/30/60 (r/min)
Measuring range	1-100000 mPa.s		1-200000 mPa.s	1-600000 mPa.s
Rotor	1-4 number rotors , Measuring viscosity lower than 10 needs to be equipped with the 0 number rotar			
Measuring Error (Newtonian liquid)	±1%	±0.5%	±1%	±1%
Repeatability error (Newtonian liquid)	±0.5%	±0.25%	±0.5%	±0.5%
Time function	Yes	Yes	Yes	Yes
Power	110 V/60 Hz or 220 V/50 Hz			
Dimension	300 ×300 ×450 mm			
Net Weight	7.5 kg			
Gross Weight	8 kg			

VISCOMETER

Standard Accessories

Accessories No.	Name
01	Rotor protection frame
02	(1, 2, 3, 4) number rotor

Optional accessories

Accessories No.	Name
01	Constant temperature water bath, 10 to 100°C, only 220 V
02	Thermal Printer (with 1 roller paper)
03	Temperature probe
04	Ultra-low viscosity adapter (0 # rotor)
05	Thermostatic cup
06	PC Software RS232-USB Line
07	Calibrate silicone oil 400ml