



Viscometer

LVM-D1 Series

Viscometer LVM-D10

Viscometer LVM-D10 is adopted with advanced micro-processor based technology to control speed, test operations, data collection and interpretation. The highly sensitive viscometer comes with 25 mPa.s to 1×100000000 mPa.s measurement range, is easy to operate and provides accurate, reliable results. Equipped with white backlight LCD display enables user to view viscosity test parameters like no. of samples, rotors specification, speed & other important information.

Features

- » Equivalent to Brookfield Viscometer
- » Real time display on LCD screen
- » Can select different rotors for measuring different samples
- » 11 grades of rotational speed
- » Measurement range 25 mPa.s to 1×100000000 mPa.s
- » Connection to printer
- » Connection to PC via RS232 interface
- » Easy to operate

Applications

Viscometer has applications in paint & oil industry, pharmaceuticals, food & beverage industry.

Specifications

Model no.	LVM-D10
Measurement range	25 mPa.s to 1×100000000 mPa.s
Rotors	Rotor no. 21, 27, 28, 29 (total 4 pieces of spindles)
Rotor speed	(0.1, 0.2, 0.5, 1, 2, 5, 10, 20, 50, 100, 200) r/min
Temperature control range	45 to 200 °C
Temperature control accuracy	± 0.1 °C
Sample cylinder	20 ml
Measurement mode	Automatic
Print output	Needle printer
Connection to PC	RS232 interface
Power supply	AC 220V ± 10%, 50 Hz
Relative humidity	≤ 80 %
Ambient temperature	5 to 35 °C
Dimension	460 × 410 × 450 mm
Gross weight	14 kg

Viscometer LVM-D11

Viscometer LVM-D11 is used to determine absolute viscosity of liquids & other semi-viscous liquids within 100 mPa.s to 200000 mPa.s measurement range. Adopted with advanced mechanical design and microprocessor controlled system for temperature control, data collection, data processing. The test data can be viewed on LCD screen & it can be printed out from the printer attached.

Features

- » Equivalent to Brookfield Viscometer
- » White backlight ultra-bright LCD display
- » Equipped with micro-printer
- » 4 grades of rotational speed
- » RS232 interface communication port
- » Reliable performance, accurate results
- » Easy to operate
- » Follows international standards of rotational viscosity test

Applications

Viscometer is widely used to determine viscosities of asphalt, paraffin, high polymer & other liquids.

Specifications

Model no.	LVM-D11
Measurement range	100 mPa.s to 200000 mPa.s
Rotors	Rotor no. 21, 27, 28, 29 (total 4 pieces of spindles)
Rotor speed	5, 10, 20, 50 r/min
Temperature control range	Room temperature to 200 °C
Measurement error	± 1% (F.S)
Measurement mode	Manual
Sample cylinder	20 ml
Temperature control accuracy	± 0.1 °C
Print output	Needle printer
Connection to PC	RS232 interface
Power supply	AC 220V ± 10 %, 50 Hz
Relative humidity	≤ 80 %
Ambient temperature	5 to 35 °C
Dimension	460 × 410 × 450 mm
Gross weight	14 kg

Viscometer LVM-D12

Viscometer LVM-D12 is adopted with advanced technology using micro-processor based system to control speed, test operations, data collection and interpretation. This highly sensitive Brookfield viscometer comes with 25 mPa.s to 1×10000000 mPa.s measurement range. Equipped with white backlight LCD display enables user to view viscosity test parameters like no. of samples, rotors specification, speed & other important information.

Features

- » Equivalent to Brookfield Viscometer
- » Real time display on LCD screen
- » Can select different rotors for measuring different samples
- » 4 grades of rotational speed
- » Measurement range 25 mPa.s to 1×10000000 mPa.s
- » Connection to printer
- » Connection to PC via RS232 interface
- » Easy to operate

Applications

Viscometer has applications in paint & oil industry, pharmaceuticals, food & beverage industry.

Specifications

Model no.	LVM-D12
Measurement range	100 mPa.s to 20000000 mPa.s
Rotors	Rotor no. 21, 27, 28, 29 (total 4 pieces of spindles)
Rotor speed	(5, 10, 20, 50) r/min
Temperature control range	45 to 200 °C
Measurement error	± 1% (F.S)
Measurement mode	Manual
Temperature control accuracy	± 0.1 °C
Sample cylinder	20 ml
Print output	Needle printer
Connection to PC	RS232 interface
Power supply	AC 220V ± 10%, 50 Hz
Relative humidity	≤ 80 %
Ambient temperature	5 to 35 °C
Dimension	460 × 410 × 450 mm
Gross weight	14 kg

Optional accessories (for LVM-D1 Series)

Accessories No	Name
01	Rotor no. 30
02	Water bath