



Viscometer LD-LVM-A40

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Viscometer LD-LVM-A40

Overview

Viscometer LD-LVM-A40 is a floor standing rotational viscometer used to measure viscosity of fluid sample at specified shear rates. Its viscosity ranges from 3 to 1600000 M (mPa.s) and offers 0.3/0.6/1.5/3/6/10/12/15/20/25/30/40/50/60/70/80/90/100 Total 18 rpm rotation speed range. The small sample quantity about 7 ml to 13 ml for each measurement (rotor 0 is 21ml), and optional constant temperature water jacket with cycle. Designed with constant temperature tank to control the sample under test. The operation is very convenient and the measurement is accurate. Easy operations, anti-static shell, metal lifter, temperature probe, durable axle, data transfer port, external storage supports, a lot of rotate speed options, etc. are some of the features which ensures safety of user along with ease of handling. It is used in medical laboratories, paint industry, oil and petroleum industry, etc.

Features:

- Designed with backlit LCD, digital display, rich information and easy to operate
- Offers coaxial cylinder structure
- Build-in temperature probe Interface (standard configuration)
- Powerful human-computer interactive interface
- Designed with spindle rotor, the sample size required for testing is very small
- Equipped with timing measurement function
- Two RS232 interfaces with direct connection to micro printer and computer

Applications:

Viscometer is used in glue, latex, adhesives (solvent base), polymer solutions, oil, painting and coating, solvent, cosmetic, dairy products, medicine, juice etc. across it tests all phase, lotion, emulsion, and general solution (liquid phase).

Specifications:

Probe	Temperature probe Interface (standard configuration)
Rotor	18#?25#?31#?34# ?standard configuration?
Display	Digital LCD display
Accuracy	±3% (Newtonian liquid)
Spindles	18# rotor?3 to 10 K? 7 ml 25# rotor?480 to 1.6 M? 9 ml 31# rotor?30 to 100 K? 10.5 ml 34# rotor?60 to 200 K? 11 ml
Dimension	300 × 300 × 450 mm
Net weight	6 kg
Gross weight	8 kg

Power Supply	100 to 240V, 50/60 Hz
Repeatability	±1.5% (Newtonian liquid)
Viscosity Range	3 to 1600000 M (mPa.s)
Output interface	Two RS232 interfaces to connect printer and computer
Packing Dimension	420 × 340 × 330 mm
Rotation speed range	0.3/0.6/1.5/3/6/10/12/15/20/25/30/40/50/60/70/80/90/100 Total 18 rpm