

Viscometer

LVM - A 2 Series



Viscometer LVM-A2 Series

Viscometer LVM-A20

Viscometer LVM-A20 is a floor standing instrument used to measure viscosity of fluid sample at specified shear rates. This model is LV (Low Viscosity) range viscometer which uses four set of spindles with a spindle protector. 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.

Viscometer LVM-A21

Viscometer LVM-A21 is a floor standing instrument used to measure viscosity of fluid sample at specified shear rates. This model is RV (Regular Viscosity) range viscometer which uses six set of spindles with a spindle protector. 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.

Viscometer LVM-A22

Viscometer LVM-A22 is a floor standing instrument used to measure viscosity of fluid sample at specified shear rates. This model is HA (High Viscosity) range viscometer which uses six set of spindles with a spindle protector. 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.

Viscometer LVM-A23

Viscometer LVM-A23 is a floor standing instrument used to measure viscosity of fluid sample at specified shear rates. This model is HB (High Viscosity) range viscometer which uses six set of spindles with a spindle protector. 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:

- ARM chip for fast data processing
- 7 inch touch screen display
- Optional DV software
- Displays shear stress and rate
- Built-in RTD temperature probe
- Interactive interface
- Password protected temperature and correction factor
- Automatically switches between dynamic and kinematic viscosity
- Options between viscosity units
- Alarm system when measurement range is crossed
- Continuous testing is possible
- Choices available for interface style
- Computerized Calibration process

Application:

It is used to measure viscosity of fluid samples like latex, glue, paint, oil, polymer solutions, medicine, cosmetic, juice etc.

Optional Accessories:

| Sr. No. | Accessories Name |
|---------|-----------------------------------|
| 1 | DV Software; |
| 2 | Thermostatic water bath |
| 3 | Ultra-low viscosity adapter |
| 4 | Small sample adapter |
| 5 | Micro printer |
| 6 | External circulatory glass beaker |

Specifications:

| Model No | LVM-A20 | LVM-A21 | LVM-A22 | LVM-A23 |
|----------------------|---|---------------------------|---------------------------|---------------------------|
| Viscosity Range | LV: 1 to 2000000 mPa.s | RV: 100 to 13000000 mPa.s | HA: 200 to 26000000 mPa.s | HB: 800 to 10400000 mPa.s |
| Rotation speed range | 0.3 to 100 rpm(stepless) | | | |
| Spindles | LV: (1#, 2#, 3#, 4# spindles (0# is optional) | | | |
| | RV, HA, HB(2#, 3#, 4#, 5#, 6#, 7#, 6 Spindles (0#, 1# are optional) | | | |
| Accuracy | ± 1.0 % (of full range) | | | |
| Repeatability | 0.5 % | | | |
| Options in unit | mPa.s, Pa.s, dPa.s, cP, P, cPs | | | |
| Probe | Built-in RTD temperature probe | | | |
| Display | 7 inch touch screen display | | | |
| Packaging Dimension | 410×380×410 mm | | | |
| Net Weight | 10 kg | | | |
| Gross Weight | 12 kg | | | |