



CONE PLATE VISCOMETER

LCPV-A10

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Cone Plate Viscometer LCPV-A10 is a benchtop unit which measures viscosity of fluids in minimum sample volume and helps in studying its rheology. Equipped with advanced processor, LCD touch screen, temperature probe, durable axle, data transfer port, alarm system, DV software and many more, to ensure accurate measurement along with ease of operation. It is used in various industries like food, cosmetic, oil, paint, chemical etc.

FEATURES

- ARM processor for increased processing speed
- PT100 temperature probe
- Automatically switches between dynamic and kinematic viscosity
- Various options for viscosity units
- Continuous testing possible
- Alarm system to notify when beyond measurement range
- Variety of speed options available
- Password protected temperature and correction factor
- Supports external storage
- Gigabit Ethernet Port for data transfer
- Metal lifter and anti-static shell
- 7 inch LCD touch screen
- Includes DV software

APPLICATIONS

It is used to measure viscosity of various fluid samples like adhesives, creams, gums, food, gels, chocolate, inks, paste, epoxies etc.



SPECIFICATIONS

Model No	LCPV-A10	
Accuracy	$\pm 2\%$ (F.S)	
Temperature	-1°C to 150 (± 0.1)	
Spindle No	CAP-01	CAP-04
Shear Rate	13.3 N	3.3 N
Sample Volume	67 μL	134 μL
LCPV-A10 (400rpm)	47-469	300-3,750
LCPV-A10 (750rpm)	25-250	200-2,000
LCPV-A10 (900rpm)	20-208	170-1,667
Note	rotate speed (rpm); Viscosity Range: (mPa.s), 1 poise = 100 mPa.s	