Labpro Tech®

LPJ-S Series Digital Rotary Viscometer

Characteristics :

- The latest microcomputer driven stepping motor is adopted, which is accurate, stable and reliable rotation rate
- If the test range is exceeded, the machine will automatically alarm
- The measured viscosity value is directly displayed on the screen without secondary calculation
- With timing measurement function, it is simple and practical to detect the viscosity of non-Newtonian fluid
- Direct display of range value is very convenient for testing.
- The machine can choose a variety of accessories to meet different measurement needs of customers. (RTD temperature detection sensor, ULR ultra-low viscosity adapter, thermostatic bath, printer, DV software, viscosity standard solution)

Main Technical Parameters :

Name	LPJ-1S	LPJ-2S
Test Range(cP)	1*-2M	1*-100K
Rotation Rate (RPM/min	0.3, 0.6, 1.5, 3, 6, 12, 30, 60	6,12,30,60
Viscosity Value Resolution	0.01 cP	
Rotor	1#, 2#, 3#, 4#	
Demand Amount of Test Sample	300-400mL (According to different rotators)	
Display Information	Viscosity, Temperature, Torque%, Rotation Rate, Rotor No.	
Test Accuracy	⩽±2% (Newtonian fluid FS)	
Multilinearity	± 0.5%	
Stop Mode	Manual/automatic (timing measurement)	
Overall Dimensions	300*300*450 mm (Length width * height)	
Net Weight	4.5 kg	
Power Supply	Input AC100V to 230V, output: DC12V 2A	
Power	30W	

Viscosity unit conversion: 1Pa.s 1000mPa.s, 1P=100mPa.s, 1mPa.s 1cP, M=1,000,000, K=1,000, FS=Full Scale

*If the measured viscosity is lower than 15cP, ULR ultra-low viscosity test accessories are required

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