



LPV-T Series Touch Screen Rotary Viscometer

Viscometer adopts high-performance imported microcomputer chip, imported stepping motor and other key components, 5-inch touch screen display operation, program setting, automatic control, timing measurement, automatic scanning and other functions; It can measure the absolute viscosity of Newtonian liquid or the apparent viscosity of non-Newtonian liquid. The instrument has high sensitivity, high precision, accurate and reliable test data, and good repeatability.



Characteristics :

- ✿ 5-inch touch screen operation and display, convenient operation, rich Display Information, and powerful human-computer interaction interface
- ✿ The microcomputer driving technology is adopted, and the imported stepping motor makes the rotation rate accurate, stable and reliable
- ✿ Anti-static housing, metal lifting rod design, and new design of shaft tip ensure the durability of the machine
- ✿ Support the storage of test data and test conditions, with up to 30 groups of data stored
- ✿ With the function of timing measurement, it is very practical for detecting non-Newtonian liquids
- ✿ Automatic conversion of dynamic viscosity and kinematic viscosity (the density value of the test sample needs to be known)
- ✿ With automatic scanning function, the instrument can automatically recommend the appropriate combination of rotor and rotation rate
- ✿ It can automatically display the selected rotor rotation speed test range. If it exceeds the test range, the machine will automatically alarm
- ✿ With a printing interface, it can be directly connected to a micro printer to print various data. A printer is required 0.1 to 200 revolutions Continuously Variable Transmission, which is convenient for analyzing and testing the rheological properties of samples, and the test data supports USB disk export
- ✿ The machine can choose a variety of accessories to meet different measurement needs of customers: PT100 temperature sensor, ULR ultra-low viscosity adapter, SSR small-amount sample adapter, thermostatic bath, printer. DVT upper computer software, viscosity standard solution

Marketed, Sales & Service by :

S.V. SCIENTIFIC Pvt. Ltd.

119, Sylvestra Arcade, 1st Floor, East Park Road, 11th Cross,

Malleshwaram, BENGALURU - 560003. INDIA

Phone: 080-23567255 / 23462314 / 23446548

E Mail : info@svscientific.in / sales@svscientific.in

www.svscientific.com



LPV-T Series Touch Screen Rotary Viscometer

Main Technical Parameters :

Name	LPLV-1T	LPRV-1T	LPHA -1T	LPHB-1T
Test Range(CP)	1*-2M	100**~13M	200**~26M	800**~104M
Rotor	L1, L2, L3, L4	R2, R3, R4, R5, R6, R7		
Rotation Rate (RPM/min)	0.3-100 Continuously Variable Transmission			
Control/Display Mode	5-inch color touch screen			
Demand Amount of Test Sample	400-500mL (According to different rotators)			
Display Information	Viscosity, rotor, rotation rate, torque%, measurement time, temperature, shear rate, shear stress			
Test Accuracy	±1% (Newtonian Fluid FS)			
Reproducibility	±0.3%			
Test Data	Support the storage of 30-group data, Support USB flash disk to export test data			
Viscosity Curve	Support real-time display and measurement of Visibility Curve			
Overall Dimensions	300×300×450(mm, L*W*H)			
Net Weight	4.5Kg			
Power Supply	Input: AC100V to 230V, output: DCDC12V 2A			
Power	40W			

Name	LPLV-2T	LPRV-2T	LPHA -2T	LPHB-2T
Test Range(CP)	1*-6M	100**~40M	200**~80M	800**~320M
Rotor	L1,L2, L3, L4	R2, R3, R4, R5、R6, R7		
Rotation Rate (RPM/min)	0.1-200 Continuously Variable Transmission			
Control/Display Mode	5-inch color touch screen			
Demand Amount of Test Sample	400-500mL (According to different rotators)			
Display Information	Viscosity, rotor, rotation rate, torque%, measurement time, temperature, shear rate, shear stress			
Test Accuracy	±1% (Newtonian Fluid FS)			
Reproducibility	±0.3%			
Test Data	Support the storage of 30-group data, Support USB flash disk to export test data			
Viscosity Curve	Support real-time display and measurement of Visibility Curve			
Overall Dimensions	300×300×450(mm, L*W*H)			
Net Weight	4.5Kg			
Power Supply	Input: AC100V to 230V, output: DCDC12V 2A			
Power	40W			

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

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

**To measure the viscosity from the lower limit to this point, R1 rotor is required.

Marketed, Sales & Service by :

S.V. SCIENTIFIC Pvt. Ltd.

119, Sylvestra Arcade, 1st Floor, East Park Road, 11th Cross,

Malleshwaram, BENGALURU - 560003. INDIA

Phone: 080-23567255 / 23462314 / 23446548

E Mail : info@svscientific.in / sales@svscientific.in

www.svscientific.com