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ZKV-100 AVT

AUTOMATIC KINEMATIC VISCOSITY TESTER



Automatic Kinematic Viscosity Tester

ZKV-100 AVT Automatic viscosity tester complies with standards of GB265-88, G1814, ASTM D445, IP71 etc. It is widely used to test various petroleum products such as lubricant oil, diesel, transformer oil etc. It is equipped with high-speed thermal printer, with advantages of automatically storing and printing test results, and uniform temperature of homeothermic bathtub. It can be installed with four viscometers at the same time for viscosity testing, and also can be used as a high-viscosity homeothermic water bath for other testing.

- Advanced SCM for control; intelligent temperature control; large color LCD screen with menu for operation tips.
- Unique and advanced modular technology to be capable of testing oil of both high-viscosity and low-viscosity.
- Function of regularly indicating working conditions, including temperature, time, parameters and so on.
- Equipped with ten-liter homeothermic bathtub and organic glass-made stay-warm case outside,
- with advantages of uniform temperature inside bathtub and effective temperature control.
- Stainless steel heater and components, anti-corrosion and durable, and ring-type daylight lamp for lighting, easy to observe.
- Capillarimeter clutch is three-point vertical type, flexible and convenient operation and reliable grasp.
- Automatically calculating kinematic viscosity value and average value of testing results, printing and memorizing results.
- Advantages of accurate testing, visualized display, auto-timing, auto-calculation and auto-printing resultser.

Standards	GB265-88, GB1814,ASTM D445,IP71, etc.
Capillary Viscometer	Conform to SH/T0173-92 Technical Conditions of Glass Capillary Viscometer Conform to JJG155 Verification Regulation of Routine Capillary Viscometer
Display Method	7 inch color LCD in English
Temperature Control Range	-60—100°C
Testing Range	Kinematic Viscosity: 0.5~20000mm ² /s Kinetic Viscosity: 0.3~40000mPa.s
Temperature Control Accuracy	±0.1°C ±0.01°C selectable
Timing Accuracy	±0.1S
Timing Range	0.1S-999.9S
Homoeothermic Bathtub	300×300mm double layer
Printer	Thermal printer, high-speed and lower consumption, with 55 millimeter-wide printing paper
Temperature Test Components	Precise imported platinum electric resistance
Stirring Speed	1520Rounds/Min
Heating Power	800W
Sample Installing Quantity	4 pieces
Working Environment Temperature	0°C~40°C Relative Humidity: <80%
Power Supply	AC220V±10% 50Hz
Dimension	560*370*520 (L*W*H)
Weight	20Kg