



SYD-265H Intelligent Kinematic Viscosity Tester

Summary

This instrument is designed and made as per the industry standard of People's Republic of China SY/T5651 *Technical Condition of Petroleum Products Kinematic Viscosity Tester*, GB/T 265 *Petroleum products-Determination of kinematic viscosity and calculation of dynamic viscosity* and ASTM D445 *Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids*. It is suitable to determine kinematic viscosity of liquid petroleum products (Newtonian fluids) by measuring the time for a volume of liquid to flow under gravity through a calibrated glass capillary viscometer at a constant temperature.

I. Main technical features

1. Colored LCD display, it can display time and test results.
2. It adopts glass bath and electric stirrer, easy to observe the sample and ensure the uniform of bath temperature.
3. It can do 4 samples at the same time.
4. High accuracy.
5. It can preset the viscosity coefficient, calculate the viscosity after the test and print the test results automatically. Easy to operate.

II. Main technical specifications

1. Power supply : AC(220±10%)V, 50Hz;
2. Total power consumption : ≤1800W;
3. Temperature range : Ambient to 100.0°C
4. Temperature control accuracy : ±0.01°C
5. Bath capacity : 20L
6. Timing range : 0.0s ~ 9999.9s
7. Timing accuracy : ±0.05% within 60min
8. Amount of capillary viscometer tubes : 4 capillary viscometers
9. Stirring motor : 1200 RPM
10. Working condition : 15°C ~ 35°C, RH: ≤85 %
11. Temperature sensor : RTD, Pt100
12. Capillary viscometers tubes (Pinkevitch viscometer) : 7 pieces in total. The inner diameter for each: 0.6mm, 0.8mm, 1.0mm, 1.2mm, 1.5mm, 2.0mm, 2.5mm
13. Dimension : 530mm×400mm×670mm





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14.Net weight : 42kg.