



SYD-265H-1 Automatic Kinematic Viscosity Tester

Summary

The instrument is designed and made as per national standard of People's Republic of China *GB/T 265 Petroleum products-Determination of kinematic viscosity and calculation of dynamic viscosity* and *GB/T1632-93 Test Methods for Viscosity Number and Limiting Viscosity Number of Polymers in Dilute Solution*. It is suitable to determine Kinematic viscosity, viscosity number, and limiting viscosity number of oils and polymer in dilute solution. It has been widely used in the field of pharmaceuticals, petroleum, chemistry, scientific research, and metrology.

I. Main technical features

1. Using the new type temperature sensor and calculation way, the resolution can reach 0.001 °C, accuracy is $\pm 0.04^{\circ}\text{C}$.
2. It can save 100 test records.
3. This instrument adopts micro-computer as the central control component, with 10.2 inch color LCD display and touch screen. It achieves prompt type operation to judge the fault, error message and trouble shooting capacity.

II. Main technical specifications

1. Power supply : AC(220 \pm 10%)V , 50Hz
2. Total power consumption : $\leq 2100\text{W}$
3. Temperature sensor : Pt1000
4. Temperature range : 15°C ~ 120°C
5. Temperature resolution : 0.001°C
6. Temperature control accuracy : $\pm 0.04^{\circ}\text{C}$
7. Timing accuracy : $\pm 0.1\text{s}$, resolution ratio 0.01s
8. Sample quantity: 2 pcs
9. Display mode : Colored GUI touch screen.
10. Suitable environment : temperature 15°C ~ 35°C, humidity : $\leq 85\%$
11. Dimension : 550mm \times 600mm \times 1350mm (L \times W \times H)
12. Net weight: 99kg

