

SYD-265G Low Temperature Kinematic Viscometer

Summary

The instrument is designed and made as per the industrial standard of People's Republic of China SY/T5651 Technical Condition for Kinematic Viscosity of Petroleum Products. It is suitable to determine the kinematic viscosity of liquid petroleum products (Newtonian liquids) under a constant temperature (low temperature) as per the national standard of People's Republic of China GB/T265 and ASTM D445 Petroleum products-Determination of kinematic viscosity of and calculation of dynamic viscosity.



I. Main technical features

- The temperature of the constant temperature bath is controlled by the temperature controller, and the refrigeration and heating parts compensate each other to achieve heat balance and maintain a certain accuracy in controlling the bath temperature.
- The top of the constant temperature bath is equipped with LED lighting device, which makes the scale of the capillary viscometer in the constant temperature bath clearer and the reading more convenient.
- The instrument can install two samples for test at the same time. The constant temperature bath is equipped with a stirring motor to make the temperature in the whole constant temperature bath uniform.

II. Main technical specifications

Power supply	AC(220±10%)V 50Hz
Heating device	Electric heater, power≤600 W
Refrigeration unit	Double refrigeration compressors
Temperature range	-65℃～room temp.
Temperature control accuracy	±0.1℃
Constant temperature bath	stainless steel.
Ambient temperature	15℃～35℃ Relative humidity: ≤85%
Temperature sensor	RTD, Pt100
Capillary viscometer tubes(Pinkevitch viscometer)	6 pieces in total. The diameters for each is 0.6, 0.8, 1.0, 1.2, 1.5, 2.0 mm.
Maximum power consumption	1700 W
Dimension	530mm×460mm×870mm