

### Automatic Kinematic Viscosity Tester



#### Introduction

VST oil viscosity tester is designed and made as per the national standard of China GB/T265 Petroleum products-Determination of kinematic viscosity and calculation of dynamic viscosity, GB/T 11137 Black petroleum products-Determination of kinematic viscosity(reverse-flow method) and calculation of dynamic viscosity and GB/T 1995 Petroleum products-Calculation of viscosity index. It is used to determine the kinematic viscosity of liquid petroleum products (Newtonian liquids) and the kinematic viscosity of dark petroleum products. It can also be used to determine the viscosity index of lubricating oils.

#### Features

1. Multifunctional. It can determine the kinematic viscosity of liquid petroleum products (Newtonian liquids) and the kinematic viscosity of dark petroleum products. It can also be used to determine the viscosity index of lubricating oils.
2. Micro-processor control and colored LCD technology. Chinese-English bilingual menu. GUI touch screen. Easy to operate.
3. Advanced digital control and display. Automatic kinematic viscosity determination
4. It can test 2 samples at a time. The parameters such as temperature, time, coefficient of capillary viscometer tube can be inputted in or displayed on the screen.
5. New-type temperature sensor. The temperature resolution is 0.01°C. Temperature control precision is  $\pm 0.05^\circ\text{C}$ .
6. It can save 99 coefficients of capillary viscometer.

#### Specifications

Capacity of bath:	$\varnothing 240\text{mm} \times 280\text{mm}$
Temperature range:	Ambient to 100°C
Temperature resolution:	0.01°C
Temperature control precision	$\pm 0.05^\circ\text{C}$
Timing precision:	$\pm 0.1\text{s}$
Display:	5.6 inch colored LCD
Sample amount:	2 samples
Power supply:	AC(220 $\pm$ 10%)V, 50Hz $\pm$ 1Hz
Maximum power consumption:	750W
Working environment:	Ambient temp.: (15~35)°C ,RH <85%
Dimension:	535mm $\times$ 440mm $\times$ 550mm
Net weight:	23kg