

SYD-511B Mechanical Impurity Tester



Summary

The instrument is designed and made as per national standard of People's Republic of China GB/T511 Standard Test Method for Mechanical Impurity of Petroleum Products and Additive (Weight Method). It is used to determine mechanical impurity in hydrocarbons, heavy oils, lubricating oils, and additives.

I. Main technical features

1. This instrument is composed of glass vessels, water bath, funnel, suction pump, motor and digital temperature controller. It has features such as small size, light weight, rapid heating rate and easy installation.
2. The temperature control funnel is small and light. It can save operation time and solvent.
3. Desktop structure. Simple design. Easy to use.

II. Main technical specifications

1. Power supply: AC 220V \pm 10%, 50 Hz
2. Heating power for water bath: 1000 W
3. Temperature control range for water bath: Room temperature~90 °C, adjustable
4. Bath temperature display: Digitally displayed by LED
5. Temperature control accuracy for water bath: \pm 1 °C
6. Temperature control range for funnel: Room temperature~90 °C, adjustable
7. Funnel temperature display: Digitally displayed by LED
8. Temperature control accuracy for funnel: \pm 2 °C
9. Size: (1) Control case: 390 mm \times 260 mm \times 590 mm
(2) Water bath: 390 mm \times 290 mm \times 370 mm
10. Ambient temperature: \leq 35 °C
11. Relative humidity: \leq 85%
12. Maximum power consumption: 1200 W