

## HZ0165 Vacuum Distillation Tester

### **I. Overview**

The HZ0165 vacuum distillation tester is designed and manufactured in accordance with the SH/T0165 standard. It is an instrument suitable for the determination of petroleum products in the high boiling point range such as wax oil and lubricating oil. It is one of the necessary instruments for oil analysis.

### **II. Structural features**

This instrument consists of a heating distillation part, an air bath thermostatic chamber part, an evacuation system and a vacuum pump.

The heating and distillation part adopts a solid-state voltage regulator to adjust the heating power, a pointer voltmeter displays directly, and is equipped with a device for manually adjusting the height of the heating furnace, and a glass fiber reinforced plastic window.

The part of the air bath constant temperature room uses a digital temperature control meter to control the temperature of the air constant temperature room. The temperature control range is from room temperature to 90°C, and the temperature control accuracy is  $\pm 0.1^{\circ}\text{C}$ . The digital temperature control meter can display the set temperature and the actual temperature intuitively, and it is easy to set the temperature and correct the temperature difference. The fixing seat of the receiving measuring cylinder can slide left and right, making the vertical adjustment of the receiving measuring cylinder easy and easy. The piping connections of the evacuation system all use vacuum hoses, and the user only needs to connect as described on the instrument label. The outer metal cover of the U-tube differential pressure gauge protects it from being broken. The vacuum pump is arranged outside the instrument.

### **III. The main technical parameters**

1. Input power:  $< 2.1\text{K W}$
2. Steaming heating power: 0-1200W adjustable

3. Accept the temperature control range of the measuring cylinder: room temperature ~ 90 degrees
4. Temperature control power: 800W
5. Buffer tank volume: 1200ml
6. Power supply: 220V 50HZ