



SYD-1884A -1 Petroleum Products Low Temperature Density Tester

Summary

This instrument is designed and made as per standards *GB/T 1884 Crude petroleum and liquid petroleum products — Laboratory determination of density — Hydrometer method* and *ASTM D1298 Standard Test Method for Density, Relative Density(Specific Gravity),or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method*.It's our newest liquid petroleum product low temperature density tester to promote in the market. Through the glass petroleum densimeter in the laboratory,It is used to determine the low temperature density of crude petroleum,liquid petroleum products,petroleum products and the mixture of non-petroleum products.

I. Main technical features

1. This instrument is a kind of all-in-one machine,with stainless steel constant temperature bath,heater,automatic stirrer,transparent glass observation window at the front.
 2. It adopts intelligent LED temperature controller,and realize PID temperature control and adjustment.The control rate is fast and overstrike is small. The temperature control can reach $\pm 0.25^{\circ}\text{C}$.
 3. The advanced imported compressor with the fast cooling speed.
- The group of 10 pcs densimeters with wide range of application.

II. Main technical specifications

1. Power supply: AC (220 \pm 10%) V, 50Hz
2. Capacity of cylinder: 500ml
3. Minimum temperature control value: 20 $^{\circ}\text{C}$
4. Temperature control accuracy: $\pm 0.25^{\circ}\text{C}$
5. Temperature sensor:PT100
6. Test tubes quantity: 2pcs
7. Thermometer: - 1 $^{\circ}\text{C}$ ~ 38 $^{\circ}\text{C}$, Scale division is 0.1 $^{\circ}\text{C}$
8. Total power consumption: 3000W
9. Environment temperature: 5 $^{\circ}\text{C}$ ~ 30 $^{\circ}\text{C}$
10. Humidity: $\leq 85\%$
11. Dimension: 510mm \times 360mm \times 660mm(L*W*H)
12. Net weight: 35kg

