

SYD-30011 Carbon Residue Tester (Electric Furnace Method)



Summary

This instrument is designed and made as per industrial standard of the People's Republic of China SH/T 0170 Test Method for Carbon Residue of Petroleum Products-electric furnace method. It is suitable to determine the carbon residue of lubricating oils, heavy liquid fuels, and other petroleum products.

I. Main technical features

1. The instrument adopts desktop configuration. The heating furnace and controller are assembled to the all-in-one machine. Small dimension and easy to use.
2. The max temperature of heating furnace can reach 520°C. It adopts digital temperature controller. The temperature control accuracy can reach $\pm 5^{\circ}\text{C}$.
3. It can do four sample determinations concurrently. The test efficiency is high.

II. Main technical specifications

1. Power supply: AC (220 \pm 10%) V, 50Hz
2. Heating mode: Electric furnace
3. Heating power: 1150W (230W \times 5) in total
4. Temp. Control range: (0~520) $^{\circ}\text{C}$
5. Temp. Control accuracy: $\pm 5^{\circ}\text{C}$
6. Test furnace: One furnace with four holes
7. Ambient temperature: Room temperature \sim 35 $^{\circ}\text{C}$
8. Relative humidity: $\leq 85\%$
9. Maximum power consumption: 1300W
10. Dimension: 350mm \times 360mm \times 365mm