

SYD-387 Sulfur Content Tester



Summary

The instrument is designed and made as per national standard of People's Republic of China GB/T387 Standard Test Method for Sulfur Content of Dark Petroleum Products (Quartz Tube Method). It is used to determine the sulfur content in dark petroleum products which the sulfur content being more than 0.1% (m/m).

I. Main technical features

1. This instrument is composed of a tubular oven, temperature controller, flow meter and display unit.
2. It adopts single chip microcomputer to control the system. The detection time, oven movement and timing alert are all controlled automatically.
3. After setting the moving mode for oven according to the test method, the oven will move, stop and return to initial condition automatically.
4. It can determine two samples at a time. High efficiency and reliable results.
5. It equips inner gas supplier and outer gas connector. The operator can select inner or outer gas supply.

II. Main technical specifications

1. Power supply: AC 20V \pm 10%, 50Hz; Power consumption is lower than 1000W
2. Oven type and quantity: Horizontal type; parallel double tubular oven
3. Chamber diameter of oven: Φ 22mm;
4. Heating power: 800 W
5. Max temperature of oven: 950°C;
6. Movement distance of oven: \geq 135 mm;
7. Air flow rate: \geq (2 \times 500)ml /min
8. Overall dimension: 800mm \times 400mm \times 490mm