

SYD-4929A Dropping Point Tester (Oil bath)

Summary

The instrument is designed and made as per the national standard of People's Republic of China GB/T 4929 Lubricating grease- Determination of Dropping Point and ASTM D566 Standard Test Method for Dropping Point of Lubricating Grease.

I. Main technical features

1. The oil bath is composed of heat resistant beaker, heater and electric motor. The heating power can be adjusted continuously. The temperature in oil bath is uniform.。
2. Desktop structure. Easy to operate.

II. Main technical specifications

1. Power supply: AC 220 V \pm 10%, 50 Hz
2. Oil bath: 600 ml beaker.
3. Grease cup: Made of chrome plated brass. Its inner diameter is about 9.92 mm and the diameter of orifice for dropping oil is 2.8 mm. The height of the cup is about 12 mm.
4. Test tube: A tube made of heat-resistant glass with rim. Its inner diameter is 11.1 mm to 12.7 mm. There are three indentations at about 19 mm from the bottom, equally spaced on the circumference. These indentations are used for supporting the grease cup.
5. Thermometer: $-5^{\circ}\text{C}\sim 300^{\circ}\text{C}$, scale value is 1°C . Its total length is 390 mm and the depth immersed is about 76 mm.
6. Heater: Tubular. Power 800 W.
7. Stirring motor: Rotating speed 60 RPM
8. Ambient temperature: $-10^{\circ}\text{C}\sim +40^{\circ}\text{C}$
9. Relative humidity: $\leq 85\%$
10. Maximum power consumption: 900 W
11. Dimension: 350mm \times 180mm \times 410mm

