

SYD-2430A Automatic Freezing Point Tester

Summary

The instrument is designed and made as per the Industrial Standard of People's Republic of China *SH/T0090-1991(2000)*, ASTM D1177, *Standard Test Method for Freezing Point of Engine Coolant*. It can be used to test freezing point of **engine coolants** and **condensation liquids**.

I. Main technical features

1. The cold bath device of the instrument can carry out parallel test of two test tubes at the same time; the stainless steel cooling bath is inlaid with multi-layer inner air heating glass window, which has good thermal insulation performance, no dew and frost, and excellent visual performance.
2. Automatically judge the freezing point temperature. According to the different configuration, it can be used to test the freezing point etc. indexes of engine coolant and its concentrated solution, it's a multipurpose freezing point tester.

II. Main technical specifications

1. Power supply: AC (220 ±10%) V, 50 Hz;
2. Total power consumption: 2000 W
3. Working bath: stainless steel, double vacuum glass observing window.
4. Freezing point range: -54°C ~ 2°C.
5. Cold bath measurement temperature: -70°C ~ 30°C
6. Temperature controlling accuracy: ±0.1°C
7. Refrigerator system: imported refrigerator compressor
8. Sample stirring: mechanical stirring is (60~80) r/min, continuously adjustable
9. Ambient temperature: (15~28) °C.
10. Relative humidity: ≤80%
12. Dimension: 770mm×480mm×730mm
13. Net weight: 45kg. ■

