

SYD-2430 Freezing Point Tester



Summary

The instrument is designed and made as per the National Standard of People's Republic of China GB/T2430 "Test Methods for Freezing Point of Jet Fuels" and the Industry Standard of People's Republic of China SH/T0090 "Test Methods for Freezing Point of Engine Cooling Liquid". Equipped with different accessories, it can be used to determine freezing point of jet fuels, engine cooling liquids and condensation liquids. It is a multifunctional freezing point tester.

I. Main technical features

1. The instrument is made of stainless steel cold tank, a double vacuum glass observation window, advanced temperature control technology, the lowest temperature up to $-70\text{ }^{\circ}\text{C}$, temperature control accuracy of $\pm 0.5\text{ }^{\circ}\text{C}$, fully meet the GB / T 2430, SH / T 0090 freezing point test standard requirements.
2. Choose a different configuration, can be respectively used in jet fuel, engine coolant and concentrate freezing point and other indicators, which is a multi purpose freezing point tester.
3. The instrument is a table structure, the working table is made of stainless steel, the design is simple, the appearance is beautiful, the use is convenient, and the matching is complete.

The greatest feature of this instrument is the freezing point of jet fuel and engine coolant freezing point test combined; glass Dewar cold trough, automatic sample mixing and cooling rapidly, accurate temperature control; stainless steel countertops and sprayed plastic chassis, durable.

II. Main technical specifications

1. Power supply: AC 220 V \pm 10%, 50 Hz;
 2. Cold through: Stainless steel cold trough, double layers of the vacuum glass observation window.
 3. Temperature controlling range of cold through $+20\text{ }^{\circ}\text{C}\sim-70\text{ }^{\circ}\text{C}$;
 4. Temperature controlling accuracy: $\pm 0.5\text{ }^{\circ}\text{C}$;
 5. Stirrer for cold through controlled by a stirring motor, power: 6 W, 1200r/m;
 6. Refrigeration system: new type of refrigeration compressor;
 7. Stirrer for sample: stirred by an electromagnet, (60~80)times/min; Continuously adjustable;
 8. Ambient temperature: $\leq 30\text{ }^{\circ}\text{C}$;
 9. Relative humidity: $\leq 85\%$;
 10. Total power consumption: not more than 2000 W;
 11. Dimensions: 560mm \times 550mm \times 810mm (length \times width \times height).
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