

SYD-510-1 solidifying Point Tester



Summary

The instrument is designed and made as per standard of People's Republic of China GB/T510 Standard Test Method for Solidifying Point of Petroleum Oils. This instrument adopts a new type compressor, advanced temperature controller, and special refrigeration bath. The cooling effect is good and temperature control accuracy is high. The temperature in a bath is uniform. It is suitable to determine a solidifying point of petroleum products. It is widely used in oil exploitation companies, petroleum manufacturers, petroleum users, colleges and scientific research institutes.

I. Main technical features

1. The material of workbench is stainless steel. It has two cold baths in one chamber. The cold baths are equal in temperature.
2. It adopts a special technology. It is no need to use coolant liquid in the cold chamber. The cooling rate is fast and efficiency is high. The temperature in cold bath is uniform and it can reach -30°C . The accuracy can reach $\pm 0.5^{\circ}\text{C}$.
3. The instrument adopts desk type structure. The design is simple and easy to use. The operator can do solidifying point test as long as buying this instrument.

II. Main technical specifications

1. Power supply: AC ($220 \pm 10\%$), 50Hz
2. Working chamber: Two baths in one chamber. The temperatures are the same.
3. Temperature control range: Room temp. $\sim -30^{\circ}\text{C}$
4. Temperature control accuracy: $\pm 0.5^{\circ}\text{C}$
5. Refrigeration: New-type refrigeration compressor
6. Ambient temperature: $\leq 30^{\circ}\text{C}$
7. Relative humidity: $\leq 85\%$
8. Maximum power consumption: 700W
9. Dimension: 500mm \times 430mm \times 340mm