

SYD-510F1 Multifunctional Low-temperature Tester

Summary

SYD-510F1 Multifunctional Low-temperature Tester is designed and made as per test standards GB/T 510,GB/T 3535,GB/T 6986 and SH/T 0248 of People's Republic of China. It is suitable to make determinations of pour point, cloud point, solidifying point and cold filter plugging point of petroleum products. This instrument can also be used to do these tests according to ASTM D97 and ASTM D2500.

Main technical features

- ◆ The instrument adopts intelligent temperature control system, which can display the temperature of cold bath in real time. The temperature setting and control parameter adjustment are convenient, and the temperature control precision is high.
- ◆ It is a multifunctional instrument which can be used to determine pour point, cloud point, solidifying point and cold filter plugging point of petroleum products.
- ◆ Metal bath, refrigeration speed, uniform temperature, eliminate the insecurity of liquid bath.
- ◆ It has the function of automatic protection. If the high temperature of any cold bath is abnormal, the instrument will automatically cut off the working power of the heating tube to avoid damaging the instrument.
- ◆ Floor model. It is equipped with four-place wheels at bottom. Convenient to move.

Main technical specifications

- ◆ Power supply: AC (220±10%) V 50Hz
- ◆ Power consumption: less than 1700W
- ◆ Cold bath temperature control:
 - (1)Chamber I: -17℃~0℃,accuracy±0.5℃, temperatures in two cold baths are the same.
 - (2)Chamber II: 30℃ or -34℃ fixed
 - (3)Chamber III: -51℃~-34℃,accuracy±0.5℃,temperatures in two cold baths are the same.
 - (4)Chamber IV: 30℃ or -70℃ fixed
- ◆ Refrigerating method: Compressor refrigeration
- ◆ Suitable temperature: 15℃~28℃
- ◆ Relative humidity: ≤85%
- ◆ Dimension: 810 mm×500 mm×840 mm (L×W×H)
- ◆ Total weight: 100kg

