

YK-510D Pour Point&Cloud Point Tester



Summary

The instrument is designed and made as per ASTM D97, ASTM D2500, ASTM D5853; GB/T3535 Standard Test Method for Pour Point of Petroleum Oils and GB/T6986 Test Method for Cloud Point of Petroleum Oils in the National Standard of People's Republic of China. It is suitable to determine pour point and cloud point of petroleum oils.

I. Main technical features

1. The working table is stainless steel material. It has two chambers (chamber I and chamber II). Each chamber equipped two cooling baths. The temperature of these two baths are the same. All cooling baths can determine pour point and cloud point.
2. It is no need to use coolant in the chamber. The cooling speed is fast and cooling efficiency is high. The temperature controller I controls the temperature of chamber I and temperature controller II controls the temperature of chamber II. The minimum temperature of chamber II can reach -70°C and temperature control precision is $\pm 1^{\circ}\text{C}$.
3. The instrument adopts bench structure, concise design and easy to use.

II. Main technical specifications

1. Power supply: AC 220 V \pm 10%, 50 Hz;
2. Temperature control of chamber:
 - (1) Chamber I: Ambient to -51°C , $\pm 1^{\circ}\text{C}$, temperatures of two cooling baths the same.
 - (2) Chamber II: Ambient to -70°C , $\pm 1^{\circ}\text{C}$, temperatures of two cooling baths the same.
3. Refrigeration system: New type refrigeration compressor
4. Ambient temperature: $\leq 30^{\circ}\text{C}$
5. Relative humidity: $\leq 85\%$
6. Maximum power consumption: 1500 W
7. Dimension: 800mm \times 580mm \times 400mm