

YK-3536C Petroleum Product Distillation Tester

Summary

The instrument is designed and made as per standards *GB/T6536 Test Method for Distillation Characteristics of Petroleum Products* and *ASTM D86 Standard Test Method of Distillation for Petroleum Products at Atmospheric Pressure*. It is suitable to determine the distillation characteristics of gasoline, aviation gasoline, jet fuels, special boiling point solvent, naphtha, diesel oil, distillate and similar petroleum products.

I. Main technical features

1. The instrument adopts a quartz heating furnace form to ensure the safety of the test, and the heating power is continuously adjustable.
2. The height of the flask is adjusted by the lifting device, and the observation window of high-temperature and heat-insulating glass is equipped to observe the whole test process.
3. The condensate pipe water bath has temperature control function, which can be set and adjusted arbitrarily within the range of 0 °C ~ 60 °C. The temperature in the bath is uniform and meets the test requirements.

II. Main technical specifications

1. Power supply: AC (220±10%) V, 50Hz;
2. Heating power: ≤2300W
3. Electric furnace heating power: 1300W
4. Receiving cylinder: 100 ml. Scale division 1 ml.
5. Distillation flask: 125 ml, as per GB/T6536 and ASTM D86.
6. Thermometer: Total immersion. They are from (-2 to 300) °C and from (-2 to 400) °C. The scale divisions of them are 1 °C.
7. Flask support board: Sic. Diameters of holes are φ32mm, 38mm, and 50mm.
8. Temperature controller of condensing tube:
 - (1) Range: 0 °C to 60 °C
 - (2) Display: LED
9. Ambient temperature: 15°C~28°C
Relative humidity: ≤85%
10. Dimension: 540mm×435mm×515mm
11. Net weight: 30kg.

