

WIRSAMTEST SYD-6536C Petroleum Products Distillation Characteristics Tester (Low

Temperature Single Unit)

Purpose:

The instrument is designed and made as per “Test Methods for Distillation Characteristics of Petroleum Products”. It is used for distillation characteristics of gasoline, aviation gasoline, jet fuels, special boiling point solvent, naphtha, diesel oil, distillates and similar petroleum products. The instrument is also suitable to determine distillation of petroleum products mentioned above as per standard ASTM D86.

Instrument characteristics:

1. Adopt a refrigeration compressor to control the temperature of condenser, it can set and control the temperature of the condenser conveniently.
2. The heating wires are sealed in the quartz glass tubes, so there is no flame. It is safe and it can be used for a long time.
3. The height of the furnace can be adjusted using a knob, so the distillation flask can be located in a proper position.
4. The heating power can be regulated from low to high continuously by the heat adjust knob. The current can be indicated on the ampere meter.

Main technical specification and parameters:

1. Power supply: AC 220V±10%, 50Hz
2. Heating power: 1000 W
3. Cubage of graduated flask: 100 ml and the division is 1 ml.
4. Distillation flask: 125 ml, as per GB/T6536.
5. Thermometer: total immersed type, -2 ~ +300 °C and -2 ~ +400 °C. Division is 1 °C.
6. Movable board of furnace: silicon carbonized board; the diameters of hole are Φ32, Φ38 and Φ50 respectively.
7. Temperature controller:
 - (1) Temperature controlling range: 0 ~ 60 °C random
 - (2) Temperature controlling accuracy: ±0.5 °C
 - (3) Temperature display: Displayed digitally by a LED
8. Ambient temperature: ≤+30 °C
9. Relative humidity: ≤85%
10. Refrigeration system: new type of refrigeration compressor
11. Total power consumption: not more than 2500 W



Model	SYD-6536	SYD-6536A	SYD-6536B	SYD-6536C	SYD-0165
Range	Ambient ~ 400 °C	Ambient ~ 400 °C	0 ~ 60 °C	0 ~ 60 °C	Ambient ~ 100 °C
Precision		±0.5 °C	±0.5 °C	±0.5 °C	±1 °C
Refrigeration	No	No	Yes	Yes	No
Single/Double	Single	Double	Double	Single	