

# SYD-6536A Distillation Apparatus



## Summary

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

This instrument is not only suitable for the organizations of high frequency with various of samples but also accelerate the test speed for common users. It is an ideal distillation tester for petroleum products.

## I. Main technical features

- 1.The instrument adopts double units working mode, can do test for one sample as well as two samples which have the same specification or different specifications. It highly improves the work efficiency.
- 2.It adopts two groups of independent digital temperature controller, heater, the electric stirrer to constitute two constant temperature baths. Each bath temperature can be adjusted and controlled independently. The temperature in the bath is uniform, can fully meet the requirements of the test.
- 3.It adopts special heating furnace to ensure the safety of test. Heating power can be continuously adjusted to meet the requirements of the test.

## II. Main technical specifications

- 1.Power supply: AC(220±10%)V, 50Hz
- 2.Heating power: 1000W×2, continuously adjustable.
- 3.Receiving cylinder: 100ml, division value 1ml.
- 4.Distillation flask: 125ml,meet the requirements of GB/T 6536 and ASTM D86
- 5.Thermometer: (-2~300)°C and (-2~400)°C, division value 1°C
- 6.Flask support board: SiC, bore diameter φ32mm, φ38mm, φ50mm.
- 7.Temperature controller: 1) Range: (Ambient +10)°C~60°C  
2) Accuracy: ±0.5°C

3) Display: LED

**Note: The temperature control is to control the temperature of condensate in the condenser pipe.**

8.Ambient temperature:  $\leq 35^{\circ}\text{C}$

9.Relative humidity:  $\leq 85\%$

10.Maximum power consumption: 2200W

11.Dimension: 760mm×520mm×500mm