

WIRSAMTEST SYD-6536B Petroleum Products Distillation Tester

(Low Temperature Double Units)

Purpose and scope

The instrument is designed and made as per “Test Methods for Distillation of Petroleum Products”. It is suitable to determine distillation of gasoline, aviation gasoline, jet fuels, special boiling point solvent, naphtha, diesel oil, distillation fuels and similar petroleum products . The instrument is also suitable to determine distillation of petroleum products mentioned above as per standard ISO3405, ASTM D86 and IP123.

Main technical parameters and technical characteristics

(I) Main technical parameters

- (1) Power supply: AC 220 V \pm 10%, 50 Hz
- (2) Heating power of electric furnace: 1000 W \times 2
- (3) Graduated flask cubage: 1000 ml, graduation is 1 ml
- (4) Distillation flask: 125 ml, as per GB/T6536
- (5) Thermometer: whole immersed type, full scale is -2 ~ +300 °C and -2 ~ +400 °C respectively. The graduations are both 1 °C.
- (6) Movable plate of electric furnace: made by SiC, diameters of holes are ϕ 32, ϕ 38, ϕ 50.
- (7) Temperature controller:
 - a. Temperature controlling range: 0 ~ 60 °C, can be set random.
 - b. Temperature controlling accuracy: \pm 0.5 °C
 - c. Temperature display mode: LED digital display
- (8) Ambient Temperature: \leq +35 °C
- (9) Relative humidity: \leq 85%
- (10) Refrigeration system: new type of refrigeration compressor
- (11) Total power consumption: not more than 5000 W.

