

## WIRSAMTEST SYP3007B-II Water separability of petroleum oils & synthetic fluids tester(Demulsibility)

### Summary :

SYP3007B-II Water separability of petroleum oils & synthetic fluids tester is used to test the ability of the petroleum and synthetical liquid separating from water in terms of ASTM D1401.

The Apparatus is suitable to test the sample on condition of 40°C and kinematic viscosity of 28.8mm<sup>2</sup>/s ~ 90mm<sup>2</sup>/s, now the testing temperature is 54±1°C, but when the kinematic viscosity is higher than 90mm<sup>2</sup>/s, the testing temperature must rise to 82±1°C.

### Apparatus characteristics :

- Compact structure and layout reasonable.
- Temperature of bath : high precision control and digital display.
- constant temperature bath : stir function, newly design, stirring speed adjustable.
- Stirring time is controlled by time relay, 5 min as default, alarm function.
- Three detect holes, position can be locked.
- Digital-display temperature controller and time relay, easy to operate.

### Main technical characteristics:

- 1) Water bath : Φ240×255mm , glassware, a vertical crutch is installed in the bath and can be revolve.
- 2) graduated cylinder : Φ32×230mm , glassware , range from 5 to 100ml , scale 1ml. a red line is printed at height of 6mm from bottom.
- 3) Heating power : 0.5KW
- 4) Temperature control point : 54□、82°C
- 5) Temperature control precision : ±1°C
- 6) Compose of stirring device : vane、connecting rod
  - I. vane
    - material stainless steel
    - size long 120±1.5mm、wide19±0.5mm、depth 1.5mm
  - II. connecting rod
    - material stainless steel
    - size Φ6mm
- 7) Stirring motor : speed 1500±15r/min
- 8) power : AC220V±10%、50Hz±5%

