

# SYD-7305 Demulsibility Characteristics Tester



## Summary

This instrument is designed and made as per Standards GB/T7305 Petroleum oils and synthetic fluids — Determination of demulsibility characteristics and ASTM D1401 Standard Test Method for Water Separability of Petroleum Oils and Synthetic Fluids. It is suitable to determine the water separability of petroleum oils and synthetic fluids. It can be widely used in fields of petroleum, electricity, chemical industry, colleges and scientific research institutions.

## I. Main technical features

1. This instrument adopts small bath and desktop structure. It is easy to operate and good-looking.
2. It adopts electric motor to stir automatically. The temperature is uniform. It can do determination for 5 samples one by one.
3. The lifting of stirring device is convenient. The stirring paddle has good concentricity with cylinders. No tremble or touching the cylinder wall.

## II. Main technical specifications

1. Power supply: AC (220±10%) V, 50Hz
2. Temperature range: (Room temp.~99.9)°C
3. Temperature control accuracy: ±1°C
4. Temperature resolution: 0.1°C
5. Temperature display: LCD
6. Timing range: 1s~9m 59s
7. Timing set: Digital control
8. Time display: Digital display
9. Stirring rate: (1500±15) r/min
10. Heating power: 1000W
11. Ambient temperature: (Room temp.~35)°C
12. Relative humidity: ≤85%
13. Maximum Power consumption: 1200W
14. Dimension: 500mm×340mm×720mm

**Note: If the required temperature is lower than room temperature, it can equip ZL-1 portable cooler manufactured by our company.**