

## YK-7305A Automatic Demulsibility Characteristics Tester



### Summary

This instrument is designed and made as per Standards *GB/T7305 Petroleum oils and synthetic fluids — Determination of demulsibility characteristics*, *GB/T7605 Determination of demulsibility characteristics of turbine oils in service* 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. 7-inch industrial color touch screen, to show the diagram. Intuitive and clear
2. Human machine dialogue interface, menu style input method, detailed, convenient, and easy to operate.
3. The lifting process of the sample mixing motor is automatically controlled, with low shaking and high positioning accuracy.
4. The water bath is stirred evenly, with low noise, uniform temperature inside the bath, and high temperature control accuracy.

### II. Main technical specifications

1. Temperature range: (Room temp.~ 100)°C
2. Temperature control accuracy:  $\pm 0.1^{\circ}\text{C}$
3. Data storage: 350 groups test data
4. Stirring time: (0~100)min
5. Timing: (0~99.9)h
6. Testing hole: 4 samples
7. Power supply: AC(220 $\pm$ 10%)V, 50Hz
8. Maximum power consumption: 1500W
9. Ambient temperature: (5~ 40)°C  
Relative humidity:  $\leq 85\%$
10. Dimension: 520\*330\*550mm
11. Net weight: 23kg