

# SYD-0308 Lubricating Oils Air Release Properties Tester



## Summary

This instrument is designed and made as per industrial standard of the People's Republic of China SH/T0308 Standard Test Method for Air Release Properties of Lubricating Oils. It is suitable to determine the air release value of hydraulic oil, steam turbine oil and other petroleum products in the industries of chemicals, electricity, petroleum, etc

## I. Main technical features

The instrument adopts advanced technologies such as single chip machine, LCD graphic display, and light-touch key. It has the functions such as graphics and parameters rolling display, man-machine dialogue of parameters input and revise and prompt type input of relevant parameters. It adopts high accuracy sensor to transmit the analog signal to digital signal via A/D and process it by computer. The executive component adopts SSR technology. It can realize the high accuracy control of water bath temperature and vapor pressure temperature.

## II. Main technical specifications

1. Temperature range of water bath: Room temperature~99.9°C
2. Temperature range of air bath: Room temperature~90°C
3. Temperature control accuracy of water bath:  $\pm 0.5^{\circ}\text{C}$
4. Temperature control accuracy of air bath:  $\pm 5^{\circ}\text{C}$
5. Power supply: AC220V $\pm 10\%$  50Hz
6. Maximum power consumption: 1000W
7. Volume of water bath: 10L
8. Net weight: 20kg