

# SYD-12579 Foaming Characteristic Tester



## Summary

This instrument is designed and made as per standards GB/T12579 Determination of foaming characteristics of lubricating oils and ASTM D 892 Standard Test Method for Foaming Characteristics of Lubricating Oils. It is used to determine the foaming tendency and stability of lubricating oils.

## I. Main technical features

1. The instrument adopts all-in-one structure. It includes three parts: low-temperature test part and it's controlled, high-temperature test part and it's controlled, a portable cooler for low-temperature test part.
2. The temperature controller has parameters modifying function. If there is a bias between showing temperature and testing temperature, it can be corrected by this function.
3. The instrument equips an automatic timing alarm.

## II. Main technical specifications

1. Power supply : AC(220 $\pm$ 10%)V, 50Hz
2. Constant temperature heating power : 650W
3. Auxiliary heating power : 1000W
4. Cooling power : 500W
5. Air flow rate : (94 $\pm$ 5)ml/min, adjustable
6. Temperature control range for high-temperature bath : (Room temp.~99.9) $^{\circ}$ C
7. Temperature control range for low-temperature bath : (5~99.9) $^{\circ}$ C
8. Temperature control accuracy :  $\pm$ 0.5 $^{\circ}$ C
9. Timer : 5min and 10min, accurate to second
10. Timing accuracy : 0.01% + 0.05s (20 $^{\circ}$ C)
11. Ambient temperature : (-10~+40) $^{\circ}$ C
12. Relative humidity :  $\leq$ 85%
13. Maximum power consumption : 2700W
14. Dimension : Main unit : 800mm $\times$ 500mm $\times$ 765mm  
Cooler : 400mm $\times$ 450mm $\times$ 300mm