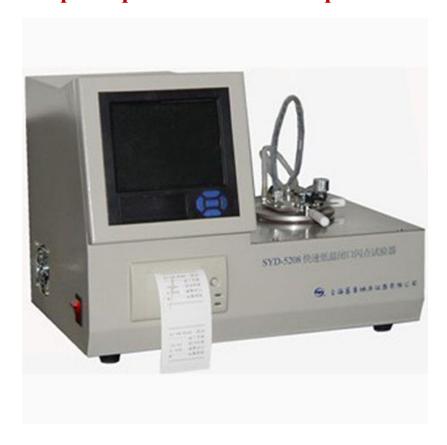# SYD-5208 Rapid Equilibrium Closed Up Flash Point Tester

Summary

   This instrument is designed and made as per GB/T 5208-2008 Determination of flash point – Rapid equilibrium closed cup method. It can meet the requirements of rapid determination for closed cup flash point of petroleum products in oil, chemical, varnish, paint, railway, aviation, electricity, commercial inspection and science research institution.

   This instrument is specially suitable to determine different kinds of colored paints, oil paints, adhesives, solvents and petroleum products which the closed cup flash point is -30℃～50℃.The instrument is also correspond with ISO1523 and ISO3679.

I. Main technical features

1. Designed as per GB/T 5208-2008 Determination of flash point – Rapid equilibrium closed cup method. It can realize the purpose of testing closed cup flash point rapidly and at low temperature.

2. The instrument adopts semiconductor refrigeration device and external water cooling device. The size is small and cooling rate is rapid. Easy to operate.

3. Test sample needed is fewer.2ml for each time（4ml for solid sample and semi-solid sample）

4. The determination procedure is automatically completed except ignition. Test results can be printed automatically.

II. Main technical specifications

1.Power supply：AC(220±10%)V, 50Hz

2.Flash point measuring range： -30℃～50℃

3. Precision of determination：

   Absolute difference between two determinations is lower than 2℃(same operators)

   Absolute difference between two determinations is lower than 3℃(different operators)

4. Temperature control precision： ±0.5℃

5. Igniting device：Electric igniting gun

6. Cooling mode：Semiconductor(with cold water cycle at external connection)

7. Maximum power consumption：300W

8. Ambient temperature： 5℃～30℃

9. Relative humidity：30%～80%

10. Dimension： 370mm×280mm×280mm

Note: The company can be customized with a different low flash point detection range of the instrument according to user's need.