

SYD-5208 Rapid Low Temperature Closed Cup Flash Point Tester

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 $-30^{\circ}\text{C} \sim 100^{\circ}\text{C}$. The instrument is also correspond with ISO1523 and ISO3679.

I. Main technical features

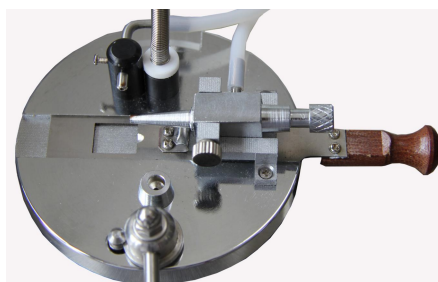
1. Meet the requirements of current standards: Meet the requirements of GB/T 5208-2008 standards, and ISO 1523 and ISO 3679 standards.
2. Rapid balance detection of trace amount: 2ml of liquid sample (4ml of solid or semi-solid sample); fast detection speed.
3. Integrated design of refrigeration system: The test bath adopts the integrated design of semiconductor refrigeration and compressor refrigeration circulating water to cool semi-conductor refrigeration devices, with compact structure, no external cooling water, and easy to use.
4. Color touch screen technology: Color touch screen display and single chip technology, the operation and control are all completed on the display screen.
5. Intelligent control technology: The instrument automatically controls the temperature and constant temperature, automatically detects the flash point, locks and prints the test results after the test

II. Main technical specifications

1. Flash point measuring range: $-30^{\circ}\text{C} \sim +100^{\circ}\text{C}$;
2. Precision of determination: it meets the standard GB/T 5208;
3. Temperature resolution: $\pm 0.1^{\circ}\text{C}$;
4. Igniting device: Electric igniting gun
5. Cooling mode: Semiconductor (No need for external cooling water)
6. Igniting source: gas, LPG (or other civilian fuels)
7. Power supply: AC $(220 \pm 10\%)$ V, 50Hz
8. Total power consumption: $\leq 300\text{W}$;
9. Ambient temperature: $5^{\circ}\text{C} \sim 30^{\circ}\text{C}$
Relative humidity: $(30 \sim 80)\%$
10. Dimension: 490mm×520mm×390mm
11. Net weight: 25.5kg.



Main unit



Ignition device