

### FP-208D, Rapid Equilibrium Closed Up 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 0-100°C. The instrument is also correspond with ISO1523 and ISO3679.

#### Main technical features

- Designed as per GB/T 5208-2008 Determination of flash point - Rapid equilibrium closed cup method. It can realize purpose of testing closed cup flash point rapidly and at low temperature.
- The instrument adopts semiconductor refrigeration device and external water cooling device. The size is small and cooling rate is rapid. Easy to operate.
- Test sample needed is less. 2ml for each time (4ml for solid sample and semi-solid sample)
- The determination procedure is automatically completed except ignition. Test results can be printed automatically.

Model	FP-208D
Power supply	AC 220 V±10%, 50 Hz
Measurement range	0°C ~ 100°C
<b>Precision of determination</b>	
Absolute difference value between two determinations is lower than 2°C	less than 2°C (same operator)
Absolute difference value between two determinations is lower than 3°C	less than 3°C (different operator)
Temperature controlling accuracy	±0.5°C
Igniter	an electron igniter
Cooling mode	Semiconductor (with cold water cycle at external connection)
Total power consumption	not more than 300 W
Ambient temperature	5~30°C
Relative humidity	30~80%
Dimensions	370X280X280mm