

FP-26A, Automatic PMCC Flash Point Tester

Model	FP-26A
Power supply	AC 220 V±10%, 50 Hz
Temperature measurement	
Measurement range	ambient temperature -250°C
Flash point	lower than 104°C, error is 2°C higher than 104°C, error is 6°C
Resolution	0.1°C
Precision	0.5%
Basic parameters	
Temperature rising rate	as per GB/T261
Ignition mode	gas flame is 3-4mm
Ambient temperature	10~40°C
Relative humidity	≤ 80%
Total power consumption	not more than 350W

The instrument is designed and made as per GB/T261 "Test Methods for Flash Point of Petroleum Products (Closed Cup Methods)". It is used to determine the lowest temperature of a petroleum product sample when the mixture of sample vapor and air around the sample contacts flame and flashes when heated in a closed cup under stipulated condition. The lowest temperature is the flash point of the petroleum product sample. The instrument has function of automatic program temperature controlling, automatic barometric pressure modification, and modified value calculation. It can automatically control measurement procedures and test data, and it can also save, analyze and print out test data.

FPT-5208, Rapid Low Temperature Closed Cup Flash Point Tester

Model	FPT-5208
Power supply	AC 220 V±10%, 50 Hz
Measurement range	-30°C~50°C
Measurement accuracy	
Repeatability	less than 2°C
Reproducibility	less than 2°C
Temperature controlling accuracy	±0.5°C
Igniter	an electron igniter
Refrigeration type	It uses semiconductor for refrigeration (It connects to outer cooling water)
Total power consumption	not more than 300 W
Ambient temperature	5~30°C
Relative humidity	30~80%
Total power consumption	not more than 350W

The instrument is designed and made as per the National Standard of People's Republic of China GB/T5208 "Test Methods for Flash Point (Rapid Equilibrium Closed Cup Method)". It can be used in the field of petroleum, chemistry, paints, railway, aviation, power plant, inspection, military, and scientific research to determine flash point of petroleum products rapidly.

The instrument is suitable to make closed cup flash point determination for paints, adhesives, solvents, petroleum, and relative petroleum products, the flash points of which are in the range of 30°C — 50°C. It can also meet the requirements of ISO 1523 and ISO 3679.

Main technical characteristics

- It is designed as per GB/T5208 (Test Methods for Flash Point (Rapid Equilibrium Closed Cup Method)". It can determine closed cup flash point at a low temperature rapidly.
- It adopts semiconductor refrigeration device and cooling water refrigeration device. It is small, convenient and with rapid refrigeration speed.
- It needs fewer samples. The sample for each test is only 2 ml (For solid or semisolid sample, it is 4 ml);
- The test can be automatically completed excepting flame ignition. The test data can be automatically printed.