

High-Temperature Closed Cup Flash Point Tester

This high-temperature closed cup flash point tester determines the flash point of various petroleum products. It is designed according to GB/T 5208-2008 and is suitable for use in oil, chemical, and research environments.



Product Overview

Rapid Equilibrium Flash Point Testing

This high-temperature closed cup flash point tester is engineered for precision and efficiency, adhering to the GB/T 5208-2008 standard. It utilizes an advanced semiconductor refrigeration system combined with external water cooling to ensure rapid cooling rates and a compact footprint. Designed for laboratory and quality control environments, the instrument automates the determination procedure, requiring minimal sample volumes of just 2ml for liquids or 4ml for solid/semi-solid samples.

Technical Specifications

Power Supply	AC (220±10%)V, 50Hz
Power Consumption	300 W
Flash Point Detection Range	50–100 °C
Temperature Control Accuracy	0.5 °C
Cooling Method	Semiconductor with external water cycle
Ignition Device	Electric igniting gun

Operational Requirements

Sample Volume (Liquid)	2 ml
Sample Volume (Solid/Semi-solid)	4 ml
Ambient Temperature Range	5–30 °C
Relative Humidity	30–80%

Dimensions & Features

Dimensions (L x W x H)	370 x 280 x 280 mm
Key Capabilities	Automatic Printing, Rapid Cooling, Compact Design, GB/T 5208-2008 Compliant

Measurement Precision

Determination Precision

Condition	Absolute Difference Limit
Same Operator	< 2°C
Different Operator	< 3°C