

# Rapid Low-Temperature Closed Cup Flash Point Tester

This rapid low-temperature closed cup flash point tester is designed according to GB/T 5208-2008 standards. It is suitable for determining the closed cup flash point of petroleum products in oil, chemical, varnish, paint, railway, aviation, electricity, commercial inspection, and science research institutions.



## Product Overview

### Rapid Low-Temperature Flash Point Testing

This instrument is designed for the rapid determination of flash points using the closed cup method, 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 precise temperature control. The compact design and automated testing procedure make it an efficient solution for quality control and research applications in chemical and petroleum industries.

## Technical Specifications

### Sample Volume Requirements

**2 ml**

Liquid Sample

**4 ml**

Solid/Semi-solid Sample

Flash Point Detecting Range	100 °C
Temperature Control Accuracy	0.5 °C
Power Supply	AC 220V ±10%, 50Hz
Power Consumption	300 W

## Operating Environment

Ambient Temperature	5 to 30 °C
Relative Humidity	30% to 80%

## Physical Dimensions

Overall Dimensions	370mm x 280mm x 280mm
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## Features

Key Capabilities	Rapid Equilibrium Method, Semiconductor Refrigeration, Automatic Printing, Electric Ignition, Customizable Ranges
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## Compliance

Standards Compliance	GB/T 5208-2008
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