

Pensky-Martens Closed Cup Flash Point Tester

This Pensky-Martens closed cup flash point tester determines the flash point of petroleum products. It is suitable for determining the closed cup flash point of petroleum products with a flash point over 40 .



Overview

Precision Flash Point Testing

This Pensky-Martens closed cup flash point tester is engineered to meet the stringent requirements of the GB/T261-2008 standard. Featuring a compact and durable stainless-steel design, it offers continuous, stepless heating control and precise temperature regulation for reliable laboratory results. The instrument is designed for ease of use, making it a dependable choice for metering and detecting units requiring accurate flash point determination of flammable liquids.

Technical Parameters

Electric Stirring Rates

105 turns/min

Procedure A

250 turns/min

Procedure B

Power Supply	AC (220±10%)V, 50Hz
Total Power Consumption	650 W
Heating Power Range	0 - 600 W (Continuously adjustable)
Sample Heating Rate	1 - 12 °C/min (Controllable)

Oil Cup Specifications

Oil Cup Details

Parameter	Value
Inner Diameter	50.7 - 50.8 mm
Depth	55.7 - 56.0 mm
Capacity	About 70 ml
Scribed Line Depth	33.9 - 34.3 mm

Operating Environment

Environmental Limits	Ambient Temp d 35°C, Relative Humidity d 85%
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Ignition and Measurement

Thermometer Scales

- -5°C to 110°C (0.5°C division)
- 20°C to 150°C (1°C division)
- 90°C to 370°C (2°C division)

Ignition Source

Gas / Civilian fuel (0.8mm bore diameter)