

Open Cup Flash Point Tester

The Open Cup Flash Point Tester determines the flash point and fire point of petroleum products. It applies to lubricating oil and dark petroleum products.



Overview

Precision Flash Point Testing

The Open Cup Flash Point Tester is a specialized laboratory instrument engineered for the accurate determination of flash points in petroleum products and flammable liquids. Designed for reliability in quality control and R&D environments, it features a robust heating system and precise temperature monitoring capabilities. This apparatus ensures consistent performance in accordance with industry standards, making it an essential tool for safety compliance and material analysis.

Technical Specifications

Thermometer Range

0 °C Min Temp	360 °C Max Temp
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Power Supply	AC 220 V \pm 10%, 50Hz
Total Power Consumption	1100 W
Heating Power	1000 W
Gas Nozzle Diameter	0.8 - 1.0 mm

Crucible Dimensions

Crucible Dimensions Table

Component	Upper Diameter (mm)	Bottom Diameter (mm)	Height (mm)
Outer Crucible	100	56	50
Inner Crucible	64	38	47

Operational Environment

Recommended Conditions

- Ambient temperature: ≥ 35 °C
- Relative humidity: $\geq 85\%$