

# 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

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:  $\geq 35$  °C
- Relative humidity:  $\leq 85\%$