

Cleveland Open Cup Flash Point Tester

This Cleveland open cup flash point tester determines the flash and fire points of petroleum products. The tester automates heating, stirring, and flame application for accurate and repeatable results.



Product Overview

Fully Automatic Flash Point Testing

This Cleveland Open Cup (COC) flash point tester is a fully automated instrument designed for precise determination of both flash and fire points in petroleum products. Featuring an advanced single-chip architecture and an intuitive LCD interface, it simplifies complex testing procedures through guided, menu-driven operation. The desktop-structure design ensures reliability and accuracy, making it an essential tool for quality control in industries such as petroleum, aviation, railway, and electric power.

Technical Specifications

Power Supply	AC 220V \pm 10%, 50Hz
Total Power Consumption	500 W
Temperature Measurement Range	Room temperature to 400°C
Temperature Accuracy	0.1 °C
Repeatability	8 °C
Reproducibility	17 °C

Operational Environment

Ambient Temperature Range	10 to 40°C
Relative Humidity	d 80%

Design and Build

Overall Dimensions	520mm x 380mm x 310mm
Ignition Mode	Electric Ignition, Gas Flame
Gas Flame Size	3.2mm - 4.8mm

Applications

Suitable Industries

- Petroleum Industry
- Railway
- Aviation
- Electric Power
- Scientific Research Institutes
- Colleges and Universities
- Measurement Departments