Automatic Closed Cup Flash Point Tester

This automatic Pensky-Martens closed cup flash point tester determines the flash point of petroleum products. The instrument features an automated system for heating, stirring, and ignition, minimizing operator intervention and improving efficiency.

Product Overview

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This automatic closed cup flash point tester is designed for precise determination of flash points in petroleum products. Featuring automated heating, stirring, and ignition processes, it minimizes operator intervention while ensuring consistent, repeatable results. The system includes advanced features like automatic atmospheric pressure calibration, real-time curve tracking, and a built-in printer for efficient data management.

Key Features

Operational Advantages

- Simulation tracking displays real-time heating and test time curves
- Automatic atmospheric pressure calibration and system deviation correction
- Automated test arm movement (rising and lowering)
- Electric ignition system with forced air cooling
- Automated lid operation, flash point detection, and data printing
- English-language mis-operation prompts and parameter tracking

Technical Parameters

Power Requirements

220 V	50 Hz	350 W
Voltage	Frequency	Power Consumption

Measurement Range

25 °C	250 °C
Ambient to	Max Temperature

Performance Metrics

Parameter	Value/Range
Flash Point Range	41°C – 250°C
Accuracy	0.5%
Resolution	0.1°C
Error (d104°C)	2°C
Error (>104°C)	6°C

Operating Environment	Ambient Temp d 40°C, Relative Humidity d 80%