

Automatic Closed Cup Flash Point Tester

This automatic closed cup flash point tester determines the flash point of petroleum products. The instrument automates the entire testing process, including sample heating, ignition, and flash point detection, to ensure consistent and accurate results.



Overview

Automatic Closed Cup Flash Point Tester

This fully automatic closed cup flash point tester is designed for precise and reliable determination of flash points in petroleum products, paints, and solvents. Featuring an intuitive LCD interface, the instrument automates the entire testing process, including sample heating, ignition, and flash point detection. It includes advanced data management capabilities, allowing users to save, transmit, and modify up to 100 sets of historical test data.

Technical Specifications

Performance Metrics

2

Repeatability

6

Reproducibility

Temperature Measurement Range	300
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Accuracy	0.1
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Operational Parameters

Stirring Speed Settings

- 90-120 RPM (Procedure A)
- 250 ± 10 RPM (Procedure B)

Temperature Rising Rates

- 5-8 \dot{m} in (Procedure A)
- 1-1.5 \dot{m} in (Procedure B)

Ignition Mode	Electric ignition with gas flame
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Physical & Electrical

Power Supply	AC 220V ± 10%, 50Hz
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Total Power Consumption	500 W
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Overall Dimensions	520mm × 360mm × 310mm
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Features

Automation Capabilities

Atmospheric Pressure Correction • Automatic Lid Opening • Automatic Ignition • Automatic Test Arm Lifting

Connectivity & Data

RS-323 Port, RS-485 Port, 100 Data Groups Storage, Automatic Printing

Operating Environment

Operating Environment

Parameter	Range/Limit
Ambient Temperature	10 - 40
Relative Humidity	d 80%