

Building industry leading test platforms to automate sensing and improve measurements by reducing human errors.



FPM 2.0

AUTOMATIC

Pensky Martin Closed Cup Flash Point Tester

Paltro's Pensky Martin Closed Cup Flash Point Tester is designed to determine the Flash Points of Petroleum products in accordance with the ASTM D93, IP 34 and ISO 2719.

An automated unit for the precise determination of Flash point, ideal for petroleum, chemical and test Laboratories.

The sample is heated and stirred at specified rates, in accordance with ASTM D93 procedures (A, B, or C). A pilot flame is dipped inside a test cup at regular intervals with simultaneous interruption of the stirring, until a flash is detected.

Features

- Intuitive interface and ease of operation
- 8" LCD Touchscreen displays the real time test parameters
- Ignition System: Gas and Electric
- Barometric Correction: Built-in sensor allows correction of test results for the barometric pressure
- Automatic elevation of arm on completion of test
- Test results can be stored and printed with a built-in printer
- Easy dis-assembling of lid for cleaning
- LIMS Compatible

Standards

ASTM D93- Standard Test Methods for Flash Point by Pensky- Martens Closed Cup Tester.

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Technical Specifications

- Test Range: 40 °C to 370 °C
- Temperature Resolution: 0.1 °C
- Heating rate:
 - 5~6 (°C/min) (ASTM D93 Method A)
 - 1~1.5 (°C/min) (ASTM D93 Method B)
 - 2.5~3.5 (°C/min) (ASTM D93 Method C)
- Stir speed:
 - 90~120 (r/min) (ASTM D93 Method A)
 - 250±10 (r/min) (ASTM D93 Method B)
 - 90~120 (r/min) (ASTM D93 Method C)

Accessories

- Test cup
- Electrical igniter
- Thermometer adaptor
- Gas connector
- Coupling Φ16
- Gas igniter
- Fuse 5A

Power

- 110-220V/50-60Hz | 600W

Weight & Dimensions

- Net Dimensions: 280 x 480 x 490 mm
- Net Weight: 21 Kg



Continuing R&D may result in specifications, appearance changes

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