



Pensky-Martens flash point tester

PMA 500 is a closed-cup Pensky-Martens flash point tester equipped with premium technology and a modern design ahead of its time.

PMA 500 can be used for the determination of expected flash points from ambient temperature up to 410 °C (770 °F). It guarantees straightforward and automated handling, maximum safety, and unrivaled ease of use in combination with a self-explanatory user-interface. The PMA 500 Pensky-Martens flash point tester is the ideal solution for automatic high-precision flash point testing in the petroleum, chemical, and fragrance industries, as well as for test laboratories.

Highlights

- Cost-saving, durable electric igniter with an increased product life (up to 10 times) compared to standard igniters
- Premium cooling technology for high sample throughput
- You save up to 10 % of the time per measurement compared to using competitive instruments
- Easy to use for increased efficiency in your measuring procedures
- Integrated automatic motor-driven multi-function head guarantees secure and smooth connection of sensors and actuators such as a stirrer and multi-detector

Highest safety standards

- Unique fire-detection system with built-in fire extinguisher
- External inert gas (CO₂, N₂) connection
- Detection of "flash" outside the cup
- Safety pre-test interval
- Overheating protection
- In full compliance with ASTM D93, EN ISO 2719, IP 34
- Excellent heating control
- Sturdy metal sample thermometer (Pt100) as standard
- Efficient measurement cycles and maintenance effort nearing zero



- Perfectly sized benchtop instrument for every laboratory
- Brand-new instrument design for a great user experience
- Customizable user interface with the look and feel of a smartphone

Standard methods

- ASTM D93
- EN ISO 2719
- IP 34

Technical specifications

Temperature range	Up to 410 °C (770 °F)
Standard methods	ASTM D93 EN ISO 2719 IP 34 >1000 user-defined test programs
Memory	1 GB space
Display	7" TFT, PCAP touchscreen
Dimensions	262 mm × 506 mm × 486 mm (W × D × H), 13 kg

Your distributor: