Automatic Pensky-Martens Closed Cup Flash Point Tester

This automatic Pensky-Martens closed cup flash point tester is designed for determining the flash point of various flammable liquids. It features precise temperature control, automatic ignition, and detection for accurate and repeatable results.

Overview

Precision Flash Point Testing

The Automatic Pensky-Martens Closed Cup Flash Point Tester is a specialized laboratory instrument designed for the accurate determination of flash points in petroleum products. It supports a wide measurement range of 40-370°C, ensuring compliance with major international standards including ASTM D93 and ISO 2719. With features such as automated testing, self-diagnosis, and dual ignition options, this device streamlines quality control processes while maintaining high safety standards.

Technical Specifications

Flash Point Testing Range

40 °C	370 °C
Minimum Temperature	Maximum Temperature

Power Supply	220±10% VAC, 50±1Hz
Power Consumption	600 W
Dimensions (W x D x H)	300mm x 550mm x 350mm
Net Weight	30 Kg

Compliance & Standards

International Standards	GB/T261-2008, ISO2719, IP34, ASTM D93-02, DIN51758, JIS K2265, SH/T0315

Operational Features

Ignition Source Options

- Gas ignition (Liquefied gas, butane gas, gas pipe, natural gas)
- Electric ignition (Platinum thread)

Interface & Control

- 5" Dot Matrix LCD display
- Soft keyboard operation
- Chinese/English language switching
- Support for Mode A and Mode B
- RS232 port for LIMS integration

Automation & Safety

- Automatic testing and result searching
- Self-diagnosis and alarm triggering
- Built-in fuel gas control valve for safe ignition
- Fast air cooling design
- Storage for 500 test results

Operating Environment

Operating Environment

Parameter	Range
Temperature	5~35°C
Humidity	20~90% RH (non-condensing)