

FPT - 3261

Automatic PMCC Flash Point Tester



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Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Summary

This instrument is designed and manufactured as per standards GB/T 261-2008 Determination of Flash Point - Pensky-Martens closed cup method and ASTM D93 Standard Test Method for Flash Point by Pensky-Martens Closed Cup Tester. It is used to make determination of the closed cup flash point of the petroleum products.

►► Main Technical Features

- 1. It adopts an 8-inch IPS high-definition capacitive screen.
- 2. Using 32-bit ARM processor and high-precision AD chip, the test data and parameters are recorded in real time and displayed by curve.
- 3. Equipped with Bluetooth interface. The user can query test data anytime.
- 4. Remote automatic upgrade to obtain the latest version, remote prediction, abnormal early warning, comprehensive evaluation and maintenance of instrument operation status.
- 5. Automatic measurement of atmospheric pressure, automatic correction of flash point value.
- 6. Temperature rise, cover opening, ignition, detection and printing data are completed automatically, and the test arm rises and falls automatically.
- 7. Electronic ignition, gas flame, automatic air cooling at the end of the test.

►► Main Technical Specifications

1. **Power supply**: AC(220±5%)V, 50Hz
2. **Total power consumption**: ≤600W
3. **Flash point determination**: Range: Ambient to 230°C
Accuracy: 0.1°C
4. **Heating rate**: Procedure A: (5~6)°C/min,
Procedure B: (1~1.5)°C/min
Procedure C: (3.0±0.5)°C/min
5. **Stirring rate**: Procedure A and C: (90~120)RPM,
Procedure B: (250±10)RPM
Automatic control and manually adjustable.
6. **Igniting mode**: (1)Electric ignition. (2)Diameter of igniter: 0.7mm~0.8mm
7. **Data transmission mode**: Bluetooth
8. **Suitable temperature**: Ambient temperature: (15~35)°C
Relative humidity: ≤85%
9. **Dimension**: 510mm×320mm×330mm
10. **Net weight**: 20kg.

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