

Flash Point Tester

Open-Cup Flash Point Tester

Application:

It is applicable to all petroleum products with flash points above 79°C and below 400°C except fuel oils.

Features:

BK-FP3536:

- * It adopts special heating furnace to ensure the safety of test.
- * The heating power is continuously adjustable. It can meet requirements of test.
- * The instrument is fully self-contained complete. The operator can do determination as long as connecting with coal gas or other civil gas.
- * With fast cooling function, it can improve test efficiency.

BK-FP3536D:

- * 8-inch IPS high-definition capacitive screen, the test data and parameters are displayed by curve in real time
- * Automatic measurement of atmospheric pressure, automatic correction of flash point value.
- * Equipped with Bluetooth interface. The user can query test data anytime.
- * Electronic ignition, gas flame.
- * Remote automatic upgrade to obtain the latest version, remote prediction, abnormal early warning, comprehensive evaluation and maintenance of instrument operation status.



Technical Parameters:

Model	BK-FP3536	BK-FP3536D
Thermometer	-6°C~400°C. It is the same as thermometer ASTM 11C	
Ambient Temperature	15°C~35°C	
Relative Humidity	≤85%	
Consumption	≤650W	≤750W
Test Flame Applicator	It applies the test flash automatically.	
Heating Device	Furnace heating, no naked fire, explosion prevented. The power is adjustable from 0W to 600W	(1) Initial heating: (14~17) °C/min (2) It is (5~6) °C/min after reaching the preset flash point 20 °C
Igniting Device	(1) Ignition source: coal gas(or civil gas) (2) Nozzle aperture: about 0.8mm	Electric ignition Diameter of igniter: 0.7mm~0.8mm
Flash Point Determination	\	Range: Ambient to 400°C Accuracy: 0.1°C
Power Supply	AC 220V, 50Hz	
External Size(W*D*H)	350*290*350mm	510*320*330mm
Package Size(W*D*H)	650*450*420mm	690*500*610mm
Gross Weight	20kg	35kg

Closed-Cup Flash Point Tester

Application:

It is used to make determination of the closed cup flash point of the petroleum products.

Features:

BK-FP261:

- * The heating power is adjustable and shown visually by voltmeter.
- * The structure is designed small and exquisite with stainless-steel table board.
- BK-FP261D:**
- * 8-inch IPS high-definition capacitive screen, the test data and parameters are displayed by curve in real time.
- * Automatic measurement of atmospheric pressure, automatic correction of flash point value.
- * Equipped with Bluetooth interface. The user can query test data anytime.
- * Temperature rise, cover opening, ignition, detection and printing data are completed automatically, and the test arm rises and falls automatically.
- * Remote automatic upgrade to obtain the latest version, remote prediction, abnormal early warning, comprehensive evaluation and maintenance of instrument operation status.
- * Electronic ignition, gas flame, automatic air cooling at the end of the test.



BK-FP261



BK-FP261D

Technical Parameters:

Model	BK-FP261	BK-FP261D
Ambient Temperature	15~35°C	
Relative Humidity	≤85%	
Flash Point Determination	Mercury-in-glass thermometer. Specifications are as below: Scale -5°C~110°C, division 0.5°C Scale 20°C~150°C, division 1°C Scale 90°C~370°C, division 2°C	Range: Ambient to 230°C Repeatability: ≤3°C Reproducibility: ≤4°C Accuracy: 0.1°C
Oil Cup	Inner diameter: 50.7mm~50.8mm. Depth: 55.7mm~56.0mm The scribed line depth of capacity of testing oil: 33.9mm~34.3mm. Capacity of testing oil: about 70ml	
Stirring Rate	Procedure A: (90~120)RPM, Procedure B: (250±10)RPM	
Igniting Device	Igniting source: gas(or other civilian fuels, the same below)	Electric ignition. Diameter of igniter: 0.7mm~0.8mm
Heating Device	The heating power is continuously adjustable from 0 W to 600W.	
Heating Rate	(1~12)°C/min: Controllable and adjustable	Procedure A: (5~6)°C/min, Procedure B: (1~1.5)°C/min, Procedure C: (3±0.5)°C/min
Consumption	≤650W	≤600W
Power Supply	AC 220V, 50Hz	
External Size(W*D*H)	370*320*300mm	510*320*330mm
Package Size(W*D*H)	650*455*360mm	690*520*610mm
Gross Weight	18kg	35kg