

Flash Point Tester
Open-Cup Flash Point Tester

Application:

This instrument is designed and made as per GB/T3536-2008 Petroleum Products - Determination of Flash and Fire Points - Cleveland open cup method and ASTM D 92 Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester.

Features:

BK-FP3536:

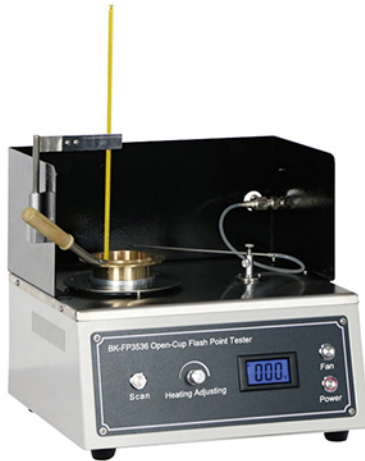
- * It adopts special heating furnace to ensure the safety of test.
- * The heating power is continuously adjustable. It can meet requirements of test.
- * The instrument is fully self-contained complete. The operator can do determination as long as connecting with coal gas or other civil gas.
- * With 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℃~400℃. It is the same as thermometer ASTM 11C	
Ambient Temperature	15℃~35℃	
Relative Humidity	≤85%	
Consumption	≤600W	≤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 500W	(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℃ Accuracy: 0.1℃
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



BK-FP3536



BK-FP3536D

Closed-Cup Flash Point Tester

Application:

This instrument is designed and manufactured as per 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.

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.
- * Electronic ignition without gas source is optional.

Technical Parameters:

Model	BK-FP261	BK-FP261D
Ambient Temperature	15~35℃	
Relative Humidity	≤85%	
Flash Point Determination	Mercury-in-glass thermometer. Specifications are as below: Scale -5℃~110℃, division 0.5℃ Scale 20℃~150℃, division 1℃ Scale 90℃~370℃, division 2℃	Range: Ambient to 230℃ Repeatability: ≤3℃ Reproducibility: ≤4℃ Accuracy: 0.1℃
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, Procedure C: (90~120)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	/	Procedure A: (5~6)℃/min, Procedure B: (1~1.5)℃/min, Procedure C: (3±0.5)℃/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*460*360mm	690*520*610mm
Gross Weight	18kg	35kg



BK-FP261



BK-FP261D