



Closed Cup Flash Point Tester



 **LABTRON**

www.labtron.com

info@Labtron.com

Closed Cup Flash Point Tester

We have distinguished ranges of Closed Cup Flash Point Tester especially designed to offer highest level of accuracy and quality giving a versatility in the capacity and its test method used.

PMCC Flash Point Tester LCFP-A10

LCFP-A10 is compact, stand-alone closed cup flash point tester which determines the low temperature operability in diesel fuel, biodiesel, blends and gas oils. It is designed as per "Test Methods for Flash Point of Petroleum Products (Pensky-Martens Closed Cup Methods)" ASTM D93.

Features

- Ignition source: Coal gas
- Rod type Mercury Thermometer
- Variable Temperature Range
- 45TYZ Stirring Motor

Applications

It is suitable to determine closed cup flash point of petroleum products having a flash point higher than 40°C.

Specifications

Model No.		LCFP-A10
Ambient temperature		≤35°C
Relative humidity		≤85%
Temperature range		-5-110°C, Each scale division is 0.5°C; 20-150°C, Each scale division is 1.0°C; 90-370°C, Each scale division is 2°C
Aperture of ignition device		0.8mm
Standard oil cup	Inner diameter	50.7-50.8mm
	Depth	55.7-56.0mm
	Depth of marked line on the oil cup	33.9-34.3mm
	Oil sample cubage	About 70ml
Stirring speed		90-120rpm for procedure A 250±10rpm for procedure B
Stirring blade		8×40mm

Closed Cup Flash Point Tester

Sample temperature rising rate	1-12°C per minute
Heating power	0-600W
Dimension	420*350*350mm
Power	600W
Power supply	AC220V±10%, 50Hz

Automatic PMCC Flash Point Tester LCFP-A11

Labtron model LCFP-A11 is an automated closed cup flash point tester with automatic control measurement procedures and test data. It is designed as per ASTM D93 "Test Methods for Flash Point of Petroleum Products (Closed Cup Methods)"

Features

- Revised value calculation
- Measurement procedures and test data has programmed function
- Gas flame ignition mode
- Atmospheric pressure is modified automatically along with temperature control
- Measurement procedures and test data has automatic function
- Results are analyzed and saved automatically

Applications

It is suitable to determine closed cup flash point of petroleum products having a flash point higher than 40°C.

Specifications

Model No.	LCFP-A11
Ambient temperature	10-40°C
Relative humidity	≤80%
Measurement range	Ambient Temperature~250°C
Flash point	Lower than 104 °C , error is 2°C Higher than 104 °C , error is 6°C
Resolution	0.1°C
Precision	0.5%
Gas flame	3-4mm
Dimensions	550*470*500mm
Total power consumption	≤350W
Power supply	AC 220V±10%, 50Hz

Closed Cup Flash Point Tester

Semi-auto PMCC Flash Point Tester LCFP-A12

Labtron LCFP-A12 is equipped with advanced software. It is suitable for flammability applications on both biodiesel and biodiesel-blended fuels along with distillate fuels like diesel, heating oil and kerosene. It is designed as per the National Standard GB/T261, ASTM D93 "Test Methods for Flash Point of Petroleum Products (Closed Cup Methods)".

Features

- Microprocessor techniques
- Equipped with advanced software
- Temperature controller
- Print out test data automatically
- Six digits display

Applications

It is used to determine the flash point of diesel and other fuel types in petrochemical analysis, flavors in food testing, paints in materials testing, and waste removal for environmental analysis

Specifications

Model No.		LCFP-A12
Ambient temperature		+10°C ~+30°C
Relative humidity		< 80%
Temperature measurement	Measurement range	Ambient temperature~250°C
	Accuracy	0.2%
	Resolution	0.1 °C
Stirring speed		105rpm
Gas flame		4mm
Interval for flame application		Flash point is lower than 104°C:1°C; Flash point is higher than 104°C:2°C
Repeatability		Flash Point is lower than 104°C: error is 2°C; Flash Point is higher than 104°C: error is 4°C
Dimension		360*110*300mm
Total power consumption		≤300W
Power supply		020V±10%, 50±1Hz
Net weight		10kg

Closed Cup Flash Point Tester

Automatic PMCC Flash Point Tester LCFP-A13

LCFP-A13 is designed with RS-323 and 485 computer ports which can calibrate the effect of barometric pressure to the test and calculate the modified value. It modifies system deviation automatically and can simulate and show temperature-time curve. It is designed as per the National Standard of People's Republic of China GB/T261 "Test Methods for Flash Point of Petroleum Products (Closed Cup Methods)" and ASTM D93.

Features

- Predetermined temperature, sample serial number, atmospheric pressure, test data and other parameters
- Modifies test data, test time, and other parameters
- LCD display
- Electron igniter for flame ignition
- Effective wind cooling function
- It can save test data of 100 groups

Applications

It is used to determine the flash point of diesel and other fuel types in petrochemical analysis, flavors in food testing, paints in materials testing, and waste removal for environmental analysis

Specifications

Model No.	LCFP-A13
Ambient temperature	10~40°C
Relative humidity	≤8°C
Measurement range	Room Temperature~300°C
Repeatability	≤2°C
Reproducibility	≤4°C
Resolution	0.1°C
Accuracy	0.5%
Total power consumption	≤300W
Power supply	AC 220V±10%, 50Hz



Labtron Equipment Ltd

Sentinel House, Ancells Business Park,

Harvest Crescent, Fleet

GU51 2UZ, United Kingdom

Telephone: 01252 413773

www.labtron.com • info@Labtron.com