



Open Cup Flash Point Tester



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We have distinguished ranges of Open 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.

Open Cup Flash Point Tester LD-LOFP-A10

Labtron LD-LOFP-A10 is designed with higher precision and perfection to meet its wide range of applications. It is incorporated with advanced and reasonable temperature control features.

Features

- Adjustable heating power
- Electric current meter to display power
- Tiny desktop structure
- Easy to operate

Application

Used to determine the flash point and fire point of lubricating oil and dark petroleum products

Specification

Model No.	LD-LOFP-A10
Thermometer	0~360°C
Scale Division	1°C
Ambient Temperature	≤35°C
Relative Humidity	≤85%
Outer Crucible-Material	Carbon structural steel
Outer Crucible-Diameter Of Upper Opening	Φ100±5mm
Outer Crucible-Height	50±5mm
Outer Crucible-Diameter Of Bottom	Φ56±2mm
Inner Crucible-Material	Carbon structural steel
Inner Crucible-Diameter Of Upper Opening	Φ64±1mm
Inner Crucible-Height	47±1mm
Inner Crucible-Diameter Of Bottom	Φ38±1mm
Inner Crucible-Scale Line	12mm away from the rim of upper opening and 18mm away from the rim of upper opening

Open Cup Flash Point Tester

Gas Tube	Φ0.8~Φ1mm
Flame	3 to 4mm
Heater	Heated by an electric furnace
Heating Power	1000W
Dimensions	410*360*240mm
Power Consumption	≤1100W
Power Supply	AC 220 V±10%, 50Hz

Cleveland Open Cup Flash Point Tester LD-LOFP-A11

Labtron LOFP-A11 is designed with quartz tube heater which is highly efficient and cost effective and used to trace many products. It is designed and made as per ISO 2592, ASTM 92 "Test Methods for Flash and Fire Point of Petroleum Products (Cleveland Open Cup Methods)".

Features

- Explosion protective
- Power can be constantly adjusted
- Robotically scanning flame application gadget
- Coal gas as ignition source

Application

It is suitable to determine flash point and fire point of petroleum products having a flash point higher than 79°C, excepting fuel oils

Specification

Model No.	LD-LOFP-A11
Thermometer	6~400°C
Scale Division	2°C
Spout Aperture	0.6~0.8mm
Ambient Temperature	10°C~50°C
Relative Humidity	≤85%
Dimensions	480*400*300mm
Power Consumption	0~600W
Power Supply	AC 220V±10%, 50 Hz

Automatic Cleveland Open Cup Flash Point Tester LD-LOFP-A12

Our LD-LOFP-A12 Flash point tester is equipped with English man-machine interface. It can preset expected flash point temperature and other parameters which is reasonably designed, safe and convenient to operate. It is designed and made as per ISO 2592, ASTM 92 "Test Methods for Flash Point and Fire Point of Petroleum Products (Cleveland Open Cup Methods).

Features

- Automatic program temperature controlling
- Automatic meteorological pressure standardization and altered value correction
- Electric flame ignition mode
- LCD display
- It can print out test data automatically
- Convenient and rapid

Application

Used to determine flash point of petroleum products and bituminous materials, excepting fuel oil and materials having a flash point of lower than 79°C

Specification

Model No.	LD-LOFP-A12
Ambient Temperature	10~40°C
Relative Humidity	≤80'
Temperature Measurement- Full Scale	Ambient temperature to 300°C
Temperature Measurement- Repeatability	≤8°C
Temperature Measurement- Reproducibility	≤16°C
Temperature Measurement- Resolution	0.1°C
Test accuracy	0.002
Precision	0.005
Flame	3 to 4mm
Dimensions	550*470*410mm
Power Consumption	≤500W
Power Supply	AC 220V±10%, 50 Hz

Semi-auto Cleveland Open Cup Flash Point Tester LD-LOFP-A13

LD-LOFP-A13 is devised with microprocessor techniques, inbuilt with advanced system software as per ISO 2592, ASTM 92 "Test Methods for Flash Point and Fire Point of Petroleum Products (Cleveland Open Cup Methods), and "Asphalt Flash Point and Fire Point Test (Cleveland Open Cup Methods)"

Features

- Microprocessor technique and Temperature regulator
- Four digits temperature display
- Two digits time display
- Flash point is detected automatically
- Gas flame ignition mode
- Test data automatically printed

Application

Used to determine flash point of petroleum products and bituminous materials, excepting fuel oil and materials having a flash point of lower than 79°C.

Specification

Model No.	LD-LOFP-A13
Ambient temperature	20±5°C
Relative humidity	<80%
Temperature Measurement- Full Scale	Ambient temperature~350°C
Test accuracy	0.2%
Temperature Measurement- Resolution	0.1°C
Repeatability	Flash point is lower than 150 °C: error is less than 4 °C; Flash point is higher than 150 °C: error is less than 6 °C
Dimension	690*420*330mm
Power consumption	≤ 400W
Power supply	AC 220V±10`, 50±1Hz

Automatic COC Flash & Fire Point Tester LD-LOFP-B10

Our LD-LOFP-B10 is deliberately furnished to determine both flash point and fire point. It has a wide range of applications with a great market value. It is designed as per the standard ASTM D92, ISO2592, IP36 (Standard Test Method for Flash Point of Petroleum Products-Cleveland Open Cup Method).

Features

- Highly precise
- LCD display
- Desktop structure and innovative design
- Fully-automatic
- Single chip microcomputer technology
- It have options of presetting the parameters of expected sample mark number, atmospheric pressure and test date

Application

It can be widely used in railway, aviation, electric power, petroleum industry and colleges, scientific research institutes, measurement departments to do determination of flash point and fire point for petroleum products except oil fuel and samples whose open cup flash point is below 79°C

Specification

Model No.	LD-LOFP-B10
Ambient Temperature	10~40°C
Relative Humidity	<85%
Temperature Measurement- Full Scale	Ambient temperature to ~400°C
Temperature Measurement- Repeatability	≤ 4°C
Test accuracy	0.005
Reappearance	≤8
Graduation	0.1°C
Dimensions	620*500*440mm
Power Consumption	400W
Power Supply	AC 220V±10%, 50Hz



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