



CLEVELAND OPEN CUP FLASH POINT TESTER

LOIP LP-092S



Semi-automatic Cleveland flash point analyzer is economical alternative to fully-automatic instruments and yet much more convenient and functional comparing to manual ones.

All operations are automated except flash detection and ignition of test flame. The flash moment is determined visually and operator presses the «Stop» key.

- Microprocessor controller
- Installed testing methods (ASTM A92, «quick search») and built-in programs editor
- Automatic moving of test flame
- Glass-shelled Pt-100 temperature probes
- High accuracy of heating rate
- Two different heating rate during an experiment
- Audible ignition alarm
- System of maintain of a stable the test flame
- Large LCD display
- Universal input gas socket and adapter for portable gas cylinders

LOIP LP-092A

Fully automated Cleveland flash point analyzer for determination of flash point temperature of petroleum products in a full accordance to ASTM D92, ISO 2592, IP36, GOST 4333 and other similar standards.



- Fully automated process of flash point determination in open cup
- Gas ignition according to ASTM D92, ISO 2592
- Installed testing methods (ASTM A92, «quick search») and built-in programs editor
- Automatic ignition, moving of test flame, sensor node and fire containment shutter drives
- Two different heating rate during an experiment
- Automatic diagnostic system
- Glass-shelled Pt-100 temperature probe
- Built-in barometric pressure sensor
- Large graphic LCD display
- Built-in powerful fan
- 2Gb of internal memory
- USB-port for PC connection
- Automatic gas valve
- Universal input gas socket and adapter for portable gas cylinders

	LOIP LP-092S	LOIP LP-092A
Test method	ISO 2592, ASTM D92	
Temperature range, °C	79 ... 400	
Ignition type	gas	
Flash/ ignition detector	-	ionization ring
Heating rate range, °C/min	0,5 ... 20,0	
Heating rate accuracy, °C/min	±0,5	
Ignition interval, °C	0,5 ... 10	
Power consumption, W	800	700
Mains supply, V/Hz	220/50	
Dimensions, mm	396 x 380 x 450	455 x 350 x 310
Weight, kg	8	14