

Flash and Fire Points by Cleveland Open Cup Flash Tester



Test Method

For flash and fire points of all petroleum products, except fuel oils and those having an open cup flash below 79°C (175°F).

Automatic Cleveland Open Cup Flash Point Analyzer

- Conforms to ASTM D92 and related specifications
- Flash Point Detection by Thermosensor and Ionization Ring
- Electric and Gas ignition
- Flash Point operation range between 79°C and 400°C
- Automatic safety closing cup system which covers the test cup at the end of the flash point analysis and auto-extinguishes the product after fire point tests
- 6.4" LCD Touch Screen Interface makes for easy viewing and navigation
- Automatic Barometric Pressure Correction

Specifications

Conforms to the specifications of:
ASTM D92; IP 36; ISO 2592;
DIN 51376; FTM 791-1103; FTM 141-4294
Detection System: Thermosensor and Ionization Ring
Control System: Microprocessor based
Temperature Range: 79°C - 400°C
Temperature Resolution: 0.06°C
Temperature Accuracy: ± 0.1°C
Cooling: Integrated Force Air Fan
Barometric Pressure: Automatic Barometric Pressure
Flash Temperature Correction
Maximum Pressure for Ignition Gas: 1 psi, 40mBar/hPa, 16 in H₂O
Methods & Data Storage: >60,000 Analysis
Communication: - LIMS Connectivity
- Two (2) USB ports
Safety: Over-temperature cut-off
Electrical Requirements:
115V 60Hz
230V 50/60Hz

Dimensions wxdxh,in.(cm)

18.9x11.8x20.5 (48x30x52)

Net Weight: 70.5 lbs (32kg)

Ordering Information

Catalog No.

K87510	Automatic Cleveland Open Cup Flash Point Analyzer, 115V 60Hz
K87519	Automatic Cleveland Open Cup Flash Point Analyzer, 230V 50/60Hz

Accessories and Spare Parts

K87510-1	Electrical Igniter Pivot
K87500-2	Calibrated Brass Cup
K87500-3	PT100 Probe for Sample Temperature
K87500-4	PT100 Probe for Fire Point Detection
K87500-5	Detection Cable