

# Flash Point by Automatic Cleveland Open Cup Analyzer

## test method

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

## flash point by automatic Cleveland open cup analyzer

- Conforms to ASTM D92 and related specifications
- Flash Point Detection by Ionization Detection
- Electric or Gas ignition: Software selectable, No Manual Switching Required
- Simple automation routine for easy operation
- Flash Point operation range between Ambient and 405°C
- Integrated Dual Fan System directly cools test cup and surrounding environment
- 10.4" LCD Touch Screen Interface makes for easy viewing and navigation
- Automatic Barometric Pressure Correction
- Fire Suppression System floods instrument with inert gas in the event of a fire

The Automatic Cleveland Open Cup Flash Point Analyzer is the latest addition to the Koehler Flash Tester family of products. This unit is robustly designed using state-of-the-art technology to allow for seamless testing in accordance with ASTM procedure. The system software runs on an integrated processor PC running the latest Windows operating system. The 10.4" touch screen interface fully displays all operator parameters and results on a single screen. Data results can be stored on the local hard drive. An integrated Dual Fan System directly cools the test cup and the environment around the cup.

## ordering information

catalog no.	description
K72000	Automatic Cleveland Flash Point Tester, 115-240V 50/60Hz



K72000  
Automatic Cleveland  
Open Cup Flash Point Tester

## specifications

Conforms to the specifications of:

ASTM D92; IP 36, 403; ISO 2592; AFNOR T60-118;  
EN 22592; DIN 51376

Electrical Requirements:

115/230VAC 50/60Hz; User selectable via switch located at the back of the analyzer

Temperature Measuring Range: Ambient to 405°C (761°F)

Flash Detection System: Ionization Detection

Heating Rate: In accordance with ASTM D92

Ignition Source: Gas and Electric Igniter both equipped on sweep arm assembly

- Software Selectable
- No manual switching required

Mechanical Lift: Two (2) position mechanical lift arm system; software controlled: Up – Down

Two (2) position snuffer; software controlled: Up – Down

Ignitor Sweep Frequency:

D92 Procedures: 2°C Intervals

Quick Test Procedure: 5°C Intervals

Custom Test Procedures: 1°C - 5°C

Cooling: Integrated Dual Fan System

Barometric Pressure Correction: Automatic Barometric

Pressure Transducer for Flash Temperature Correction

Interface Ports: RS232: 1; USB: 2 (Rear of Unit); Ethernet: 1

Key Safety Features: Fire suppression detection: Equipped with an inert gas line for dispensing CO<sub>2</sub> or Nitrogen gas when emergency button is pressed or when the safety fire detection thermocouple detects a fire.

Dimensions (in.(cm)): Width: 13<sup>5</sup>/<sub>8</sub>" (34.6 cm)

Depth: 21<sup>1</sup>/<sub>2</sub>" (54.6 cm)

Height: - Closed Test Position – 16<sup>3</sup>/<sub>4</sub>" (41.6 cm)

- Fully Open Position – 20<sup>3</sup>/<sub>4</sub>" (52.7 cm)

Net Weight: 50 lbs (22.7 kg)