

# Flash Point by Automatic Cleveland Open Cup Analyzer

## test method

For determining the flash and fire points of all petroleum products, except for fuel oils, with flash points above 79 °C (175 °F) and below 400 °C (752 °F).

## automatic cleveland flash point tester

- Conforms to ASTM D92 and related specifications
- Simple automation routine for easy operation
- Automatic barometric pressure correction
- Fire suppression systems that floods instrument with inert gas in the event of a fire.
- Flash Point Detection by Ionization Detection
- Electric or Gas Ignition: Software selectable, no manual switching required
- Integrated Dual Fan System directly cools test cup and surround environment
- 10.4" LCD Touch Screen interface for easy viewing and navigation

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 Flash Point Tester**

## specifications

### Conforms to the specifications of:

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

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

**Flash Detection System:** Ionization Detection

**Heating Rate:** In accordance to ASTM D92

**Ignition Source:** Gas and Electric Igniter both equipped on sweep arm assembly (Software selectable)

### 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

**Barometric Pressure Correction:** Automatic barometric pressure transducer for flash temperature correction

**Cooling:** Integrated Dual Fan System

### Gas Supply / Connection:

Ignition Gas - LP Gas (Propane/Butane) or Natural Gas.  
Min. 3 kPa (0.44 psi) per ASTM D92.

Max. 6.9 kPa (1.0 psi)

**Display:** 10.4" LCD Touch Screen

### Electrical Requirements

115-240V 50/60Hz

### Dimensions (wxdxh)

Closed Test Position:

13 3/8 x 21 1/2 x 16 3/8 in. (34.6 x 54.6 x 41.6 cm)

Fully Open Test Position:

13 3/8 x 21 1/2 x 29 3/4 in. (34.6 x 54.6 x 52.7 cm)

**Net Weight:** 50lbs (22.7 kg)