

## Flash and Fire Points by Cleveland Open Cup



### Specifications

Conforms to the specifications of:

ASTM D92; D6074, D6158; AASHTO T48; ANS Z-11.6; IP 36; ISO 2592; DIN 51376; FTM 791-1103, FTM 141-4294

Electrical Requirements: **CE**

115V 60Hz

220-240V 50/60Hz, Single Phase, 3.4A

### Dimensions wxdxh in.(cm)

10 x 17.5 x 11.5 (25.4 x 44.5 x 29.2)

Net Weight: 20 lbs (9.1kg)

### Included Accessories

Brass Test Cup

### Shipping Information

Shipping Weight: 30 lbs (13.6 kg)

Shipping Dimensions: 2 Cu. ft.

### 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).

### Cleveland Open Cup Flash Tester

- Conforms to ASTM D92 and related specifications
- For flash points above 79°C (175°F)

Determines flash and fire points by the Cleveland Open-Cup method. Consists of test flame applicator, brass test cup, thermometer support, heating plate and electric heater. Applicator is precisely aligned per specifications and pivots for test flame application at specified temperature intervals. Hinged thermometer support raises to facilitate placement and removal of test cup. Adjust flame size using built-in needle valve and comparison bead.

Equipped with a 1000W nickel-chromium heater with stepless variable heat control for accurate repeat setting of temperature rate of rise per specifications.

### Ordering Information

#### Catalog No.

#### Cleveland Open Cup Flash Point Tester

**K13902** Electrically Heated CE Model, 115V 60Hz

**K13992** Electrically Heated CE Model, 220-240V 50/60Hz

#### Accessories

**250-000-11F** ASTM 11F Thermometer  
Range: 20 to 760°F

**250-000-11C** ASTM 11C Thermometer  
Range: -6 to +400°C

**K14000** Cleveland Open Flash Cup  
*Precision machined brass with heat resistant handle*