

FLASH AND FIRE POINTS BY CLEVELAND OPEN CUP



K13900 Cleveland Open Cup Flash Tester

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, Single Phase, 6.5A
220-240V, 50/60Hz, Single Phase, 3.4A

Included Accessories

Brass Test Cup

Dimensions l x w x h, in. (cm)

10x5½x14 (25x14x36)

Net Weight: 8½ lbs (3.9kg)

Shipping Information

Shipping Weight: 12 lbs (5.4kg)

Dimensions: 1.5 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.

Heater unit is enclosed in a stainless steel housing with cooling vents. Test flame applicator and thermometer support are constructed of machined nickel plated brass.

Ordering Information

Catalog No.		Order Qty
Cleveland Open-Cup Flash Tester		1
K13900	Electrically Heated Model, 115V 60Hz	
K13990	Electrically Heated Model, 220-240V 50/60Hz	
Accessories		
250-000-11F	ASTM 11F Thermometer Range: 20 to 760°F	1
250-000-11C	ASTM 11C Thermometer Range: -6 to +400°C	
K14000	Cleveland Open Flash Cup Precision machined brass with heat resistant handle	