

FLASH POINT BY PENSKY-MARTENS CLOSED CUP TESTER



K16200 Pensky-Martens Flash Tester with
K16220 Accessory Stirrer Motor (Sold Separately)

Specifications

Conforms to the specifications of:

ASTM D93; AASHTO T73-811; IP 34; ISO 2719; DIN 51758; FTM 791-1102;
NF M 07-019

Electrical Requirements: **CE**

115V 60Hz, Single Phase, 6.5A

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

Included Accessories

Brass Test Cup with Handle

Thermometer Holder

Cover Assembly

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

9½ x 8 x 22½ (24 x 20 x 57) with optional stirrer motor installed

Net Weight:

K16000: 21 lbs (9.5kg)

K16200/K16270: 24 lbs (10.9kg)

Shipping Information

Shipping Weight: 30 lbs (13.6kg)

Dimensions: 3.1 Cu. ft.

For NIST traceable certified thermometers, please refer to the ASTM Thermometer section on pages 184 through 191.

Test Method

For flash point determinations of fuels, lubricating oils, liquids containing suspended solids and liquids that tend to form a surface film during testing.

Pensky-Martens Closed Cup Flash Tester

- Conforms to ASTM D93 and related specifications
- Choice of electric or gas heating

Determines flash points of a wide range of products by a closed cup method with two option speed stirring of the sample. Extensively used in shipping and safety regulations for detection of contamination by volatile and flammable materials in fuel oils and lubricating oils, and for characterization of hazardous waste samples.

Smooth operating cover mechanism slides shutter open and applies test flame at the turn of a knob. Cover fits over brass test cup and includes pilot flame, test flame reference bead, built-in stirrer and plated brass thermometer ferrule.

Electrically heated model is equipped with a 1000W nickel-chromium heater with stepless variable control for accurate, repeatable temperature rate of rise settings per specifications. Heater unit is enclosed in a stainless steel housing with cooling vents. Includes line cord receptacle and switch for accessory slow speed stirrer.

Gas heated model has a built-in nickel plated brass natural gas burner, or can be supplied with an artificial gas burner or liquid propane burner (specify when ordering). Both models are mounted on a sturdy cast iron base.

Ordering Information

Catalog No.		Order Qty
Pensky-Martens Closed Cup Flash Tester		
K16200	Electrically Heated Model, 115V 60Hz	1
K16270	Electrically Heated Model, 220-240V 50/60Hz	
K16000	Gas Heated Model	
Accessories		
K16220	Stirrer Motor, 115V 60Hz Slow speed gear motor rotates stirrer of Pensky-Martens Tester at 115rpm for Procedure A and at 250rpm for Procedure B. Includes adjustable support bracket and mounting rod. Installs in base of flash tester.	1
K16228	Stirrer Motor, 220-240V 60Hz	
K16229	Stirrer Motor, 220-240V 50Hz	
250-000-09F	ASTM 9F Thermometer Range: 20 to 230°F	
250-000-09C	ASTM 9C Thermometer Range: -5 to +110°C	1
250-000-10F	ASTM 10F Thermometer Range: 200 to 700°F	
250-000-10C	ASTM 10C Thermometer Range: 90 to 370°C	1
K16010	Cover Assembly Complete assembly. Includes shutter, flame exposure device, stirrer and thermometer ferrule.	
K16020	Brass Test Cup With heat resistant handle.	
K16020-NI	Nickel Plated Test Cup With heat resistant handle	