

FLASH POINT

PENSKY-MARTENS

ASTM D93 E502 IP 34 EN 22719 ISO 15267 ISO 2719 DIN 51758 FLASH POINT BY PENSKY-MARTENS CLOSED CUP TESTER

This test method cover the determination of the flash point of petroleum products in the temperature range from 40 to 360°C by a manual Pensky-Martens closed-cup apparatus or an automated Pensky-Martens closed-cup apparatus, and the determination of the flash point of biodiesel in the temperature range of 60 to 190°C by an automated Pensky-Martens closed cup apparatus. Procedure A is applicable to distillate fuels (diesel, biodiesel blends, kerosene, heating oil, turbine fuels), new and in-use lubricating oils, and other homogeneous petroleum liquids not included in the scope of Procedure B or Procedure C. Procedure B is applicable to residual fuel oils, cutback residual, used lubricating oils, mixtures of petroleum liquids with solids, petroleum liquids that tend to form a surface film under test conditions, or are petroleum liquids of such kinematic viscosity that they are not uniformly heated under the stirring and heating conditions of Procedure A.

Procedure C is applicable to biodiesel (B100). Since a flash point of residual alcohol in biodiesel is difficult to observe by manual flash point techniques, automated apparatus with electronic flash point detection have been found suitable

DESCRIPTION

Electrically heated by electronic regulator, mounted on a case painted with anti-acid epoxidic products. Calibrated brass test cup, cover with gas or electric ignition device allowing to ignite the testing sample by a manual trip-opening. Motor stirrer for Procedure "A" and "B", air bath and cooling fan.

Technical specifications:

- Temperature: from 40 to 360°C (104 +680°F)
- Power: 700W
- Dimensions: 40x33x52 cm
- Weight: 11 kg.

ACCESSORIES ON REQUEST

- 10-0748 GAS CYLINDER 2 kg. (for 750/E) Empty
- 10-0749 GAS REDUCER 30 mbar (for 750/E)
- 10-0747 GAS TUBE, L=5 m (for 750/E)
- 10-0751 STAINLESS STEEL TEST CUP
- T-AS9C THERMOMETER ASTM 9C IP 15C
- T-AS10C THERMOMETER ASTM 10C IP 16C
- T-AS88C THERMOMETER ASTM 88C IP 101C

CONSUMABLES RECOMMED FOR 2 YEARS (QTY)

- 15-CAN/IE ELECTRIC IGNITION (4)

P/N ORDER	PRODUCT	POWER SUPPLY
750/E	PENSKY-MARTENS With gas ignition	230V ±10% 50Hz
750/E/115	PENSKY-MARTENS With gas ignition	115V ±10% 60Hz
750/E/IE	PENSKY-MARTENS With electric ignition	230V ±10% 50Hz
750/E/IE/115	PENSKY-MARTENS With electric ignition	115V ±10% 60Hz

