



LT/PM-75500/M



LT/PM-75000/DC

AASHTO T73 - AASHTO T172  
ASTM D93-A - ASTM D93-B - ASTM D6751  
BS 684-1.17 - BS 2839 (obs.)  
DIN 51758 (obs.)  
EN 22719  
FTM 141-4293 - FTM 791-110  
IP 34-A - IP 34-B  
ISO 2719-A - ISO 2719-B - ISO 15267  
JIS K 2265  
NF M07-019 (obs.)

From Method Flash Point by Pensky Martens  
Closed Cup Tester:

This test method covers the determination of the flash point of petroleum products in the temperature range from 35 to 360°C. Procedure A is applicable to distillate fuels (diesel, kerosene, heating oil, turbine fuels), new lubricating oils, and other homogeneous petroleum liquids not included in the scope of Procedure B.

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.

#### LT/PM-75500/M Digital Electric Pensky Martens A and B Procedures

- Electrically heated by electronic regulator
- Mounted on a case painted with anti-acid epoxy products
- Calibrated brass crucible
- Cover with gas ignition device allowing to ignite the testing sample by a manual trip-opening
- Motor stirrer for Procedure A and B
- Air bath made in brass with external stainless steel protection cover
- PT 100 probe Class A for sample temperature measuring
- Measuring range from 15 to 370°C
- Over heat protection

#### LT/PM-75000/DC Semiautomatic Pensky Martens ASTM D93 IP 34

- Electrically heated by electronic regulator manually settable
- Mounted on a case painted with anti-acid epoxy products
- Calibrated brass crucible
- Cup / cup cover with movement stand-by support
- Cover with ignition device for gas propane/butane
- Automatic shutter opening and dip-in of test flame by means of an electrical motor
- Electrical motor stirrer with shut off during flame application
- Digital display for sample temperature reading
- PT 100 probe Class A for sample temperature measuring
- Built in cooling fan
- Measuring range from 15 to 370°C
- Over heat protection

#### Power Supply

- 220 Vac 50/60 Hz

#### Dimensions

- LT/PM-75500/M /ME: cm 35 x 28 x 43
- LT/PM-75500/DC: cm 48 x 30 x 52

#### Weight

- LT/PM-75500/M /ME: kg 7
- LT/PM-75500/DC: kg 17

#### Accessories

- LAB-100-749: gas reducer 30 mbar
- LAB-100-752: rubber tube-joint and tube, 5 m
- T-AS9C: thermometer ASTM 9C - IP 15C
- T-AS9F: thermometer ASTM 9F - IP 15F
- T-AS10C: thermometer ASTM 10C - IP 16C
- T-AS10F: thermometer ASTM 10F - IP 16F

#### Spare Parts

- LAB-100-741: calibrated brass crucible
- LAB-100-742: complete movement
- LAB-110-022: heater
- LAB-100-751: silicone tubing 5 m
- LAB-100-752: thermometer collar, pack of 5
- LAB-100-753: flexible stirrer drive, pack of 5
- LAB-120-020: electric motor (LT/PM-75500/M)
- LAB-150-110: electronic regulator
- LAB-600/08-12: PT100
- LAB-160-014: digital thermoregulator