

## Flash-Point Pensky-Martens - PMA 4 Sample Changer > Replaced by 12-2770

**DISCONTIUED - Spare Parts only!**

ASTM D 93-A, ASTM D 93-B, ASTM D 6751, ISO 2719-A, ISO 2719-B, ISO 15267, DIN 51758 (obs.), FTM 141-4293, FTM 791-1102, IP 34-A, IP 34-B, JIS K2265, NF M07-019 (obs.), AASHTO T73 , AASHTO T172 , BS 684-1.17, BS 2839 (obs.)

**Product group(s):** Bitumen, Flash Point

**User group(s):** Biodiesel, Bitumen, Engine Oil, Fuel, Jet Fuel, Lube Oil, Mastics, Paint, Power Plant, Regulatory Authorities, Solvent, Turbine Fuel, Turbine Oil, Varnish

**Scope:** Automatic Sample Changer

As an exceptional time and cost saving accessory an automatic sample changing device is available.

This sample changer is equipped with a carousel carrying a maximum of 12 test cups. The device is controlled by the PMA 4.

This means, although highly recommended, a combination with a PC is not absolutely necessary.

### Flash-Point Pensky-Martens Sample Changer

to be composed of:

- **Flash-Point Tester - PMA 4**  
(with or without fire-extinguisher)
- **Sample Changer** (with or without cooling)

## Main Unit

12-1795

### Cooled Sample Changer for PMA 4 (with cooled 12-place carrousel)

Consisting of:

see 12-0795, but with insulating cover and coolant circulator with tubing.



The carrousel is made out of a two-partite metal block with an internal heat exchanger coil to stabilize the temperature to a level deviating from the ambient temperature. An acrylic-glass cover is designed to reduce the loss of cooling energy.

A mechanically refrigerated coolant circulator is used as a source of cooling energy to keep the temperature in the samples at approx. +4 °C (ambient not exceeding +24 °C). Connecting tubes are insulated.

PC-Software (Windows®): see 12-0795

Supplied with: see 12-0795

Note: see 12-0795

Power supply: 230 V, 50/60 Hz

## Order Guideline

Minimum equipment: 1x 12-1770 + 1x 12-0795 or 1x 12-1795  
Additional requirements: