

B092 KIT

Tag closed-cup viscometer. Flash Point

STANDARDS: ASTM D56 / API 509

Suitable for testing volatile flammable flashing between 0 and 175°F (except fuel oils).

Supplied complete with cup, water bath, lid, slide, thermoregulated electronic heating device, thermometer ASTM 9C range -5 to +110°C and thermometer ASTM 57 C range -20 to +50°C.

The tester is equipped of a gas flame feeder.

Power supply: 230 V 1 ph 50 Hz 700 W.

Dimensions: 200x300x400 mm approx. Weight: 10 kg



B092 KIT



B094-01 KIT

B093 KIT

Tag open-cup viscometer. Flash Point

STANDARDS: ASTM D1310, D 3143

For the determination of open cup flash points of volatile flammable materials having flash points between 0 and 175 °F

Supplied complete with cup, water bath, thermoregulated electronic heating device, thermometers ASTM 9C -5 to +110°C and ASTM 57C -20 to +50°C.

The tester is equipped of a gas flame feeder.

Power supply:

230V 1 ph 50 Hz 700 W.

Dimensions:

200x300x400 mm approx.

Weight: 10 kg



B093 KIT

B094 KIT

Pensky-Martens digital flash point tester

STANDARDS: EN 22719 / ASTM D93 / AASHTO T73 / IP 34, 35 ISO 2719

Used for the determination of the flash point of petroleum products by the Closed Cup Test, with a Flash Point between 40°C to 360°C.

Supplied complete with stirrer, shield for radiations, cast iron bath, electronic heater with digital thermoregulator two thermometers ASTM 9C -5 + 110°C div. 0,5 C, and ASTM 10C +90 +370°C div. 2°C.

The stirrer allows to perform both "A" and "B" methods

The tester is equipped of a gas flame feeder.

Power supply:

230V 1 ph 50 Hz 700 W.

Weight: 10 kg



B094 KIT

SPARES:

B092-10 Thermometer ASTM 9C

B092-11 Thermometer ASTM 57C

B094-10 Thermometer ASTM 10C

B094-01KIT

Pensky-Martens flash point tester

Similar to mod. B094KIT, but with "electric" thermoregulator (not digital) and the stirrer performs "only" method "A"

B085-07

DSR - Dynamic Shear Rheometer

STANDARDS: ASTM D7145, ASTM D7405 / AASHTO T315

The DSR is a dynamic shear rheometer system specifically configured to apply controlled shear deformation to asphalt binder or bitumen samples; and for the determination of the elastic and viscous behavior of a bituminous binder. The system enables measurement of flow properties (such as shear viscosity from flow tests) and dynamic material properties (such viscoelastic modulus and phase angle from oscillation tests) to Asphalt industry standards.

The DSR has been designed to satisfy the demands of high throughput grade testing of Asphalt binders (bitumen) to AASHTO Specifications. Integrated fluid immersion cell specifically based on patented principle for temperature control of highly thermally-sensitive asphalt or bitumen samples.

Excellent temperature stability and accuracy: +/- 0.01°C. resolution.

Rapid, robust manual gap set, with pre-set gaps for AASHTO tests for simplicity of use. Plate measuring systems, both upper and lower plates, designed to comply with industry Standards (AASHTO).

Dedicated AASHTO specification QC software package (TruGrade) available.

Multiple stress creep recovery kit (MSCR) to ASTM D4705 test.

Specifications:

- Torque range: 10 µNm to 10 mNm
- Torque resolution: 1 µNm
- Position resolution: 1 µrad
- Frequency range: 10 µHz to 100 Hz
- Temperature control range: 5°C to 95°C (total immersion cell)
- Temperature accuracy: better than ± 0.1°C.

The Rheometer requires to be connected to:

- PC and color printer
 - Compressed air: 6 bar clean, dry air
- That are not included in the supply.

Power supply: 110V or 220V 1ph 50/60Hz

Dimensions: 230 x 350 xh 600 mm. Weight: 18 kg



B085-07

