

Cat. No. 843 Kinematic Viscosity Bath for Crude Oil and Petroleum Products



【Summary】

This is a constant temperature bath to test kinematic viscosity of Newtonian fluid like crude oil and petroleum products using glass capillary viscometers. Certain fixed amount of liquid flows down naturally in the calibrated capillary viscometers under the strictly controlled temperature, and its flow time is measured.

【Testing Standard】

JIS K2283, ASTM D445 and 446, IP 71

【Coverage of Applicable Viscometers】

Cannon-Fenske viscometer, Cannon-Fenske viscometer for opaque liquid, Ubbelohde viscometer and JIS specified products

【Features】

- Square type metallic bath has been adopted, with heat-resistant glass on the front, so it has a good durability, equipped with a cooling coil.
- Seven viscometers can be simultaneously held, which can be well observed inside the bath by lighting from the both sides.
- Temperature distribution in the bath is superb due to the very effective jet nozzle type stirrer, with no vibration by electric motor.
- Viscometer holders have a mechanism of easy attachment and detachment.

【Models】

VB-SX : with 7 viscometer holders

VB-SHX : with 7 viscometer holders, for high temperature (usable up to 200°C)

【Standard Specification】

1. Temperature controller : Digital PID control
Temperature setting : 8 points (option)
2. Temperature probe : Platinum probe (PT100Ω)
3. Heater : Sheath heater
4. Temperature display : Digital (at 0.01°C)
5. Test temperature range : VB-SX·····30 to 100°C
VB-SHX···30 to 200°C
6. Test temperature accuracy : at 30 to 100°C·····±0.01°C
at 101 to 200°C···±0.03°C
7. Bath stirrer : Induction motor
8. Safety mechanism : Circuit breaker, Overheat protector
9. Power supply : AC 100/110/220/240V, 50/60Hz

【Standard Accessories】

1. Viscometer holder : 7 pcs.
2. Blind cover : 7 pcs.

Notice

Thermometer is available in option.

- A power plug is not attached.

● The above specification is subject to change without pre-notice due to technical improvement.