BioLAB

PRODUCT CATALOG

LOW TEMPERATURE KINEMATIC VISCOMETER BPTL-107

CE ISO9001 CERTIFIED

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LOW TEMPERATURE KINEMATIC VISCOMETER BPTL-107

Viscosity of an oil is defined as its resistance to flow and Viscometer measures the flow. Monitoring viscosity is one of the most important components of any oil analysis program. Minute changes in viscosity at operating temperatures can be magnified to the extent that an oil is no longer able to provide adequate lubrication and efficiency in preventing friction between moving parts.
Used in Petroleum Industry, Oil and Gas Industry.

BPTL-107 LOW TEMPERATURE KINEMATIC VISCOMETER

The temperature of the constant temperature bath is controlled by the temperature controller, and the refrigeration and heating parts compensate each other to achieve heat balance and maintain a certain accuracy in controlling the bath temperature. The instrument can install two samples for test at the same time. The constant temperature bath is equipped with a stirring motor to make the temperature in the whole constant temperature bath uniform.

SPECIFICATIONS

Model	BPTL-107
Capillary viscometer tubes (Pinkevitch viscometer)	6 pieces in total and the diameters for each is 0.6, 0.8, 1.0, 1.2, 1.5, 2.0 mm.
Temperature range	- 65 ℃～room temp
Temperature control accuracy	± 0.1 ℃
Ambient temperature	15 ℃～35 ℃
Relative humidity	≤ 85 %
Heating device	Electric heater, power ≤ 600 W
Refrigeration unit	Double refrigeration compressors
Temperature sensor	RTD, Pt100
Constant temperature bath	stainless steel
Maximum power consumption	1700 W
Power supply	AC (220 ± 10%) V 50Hz
Dimension	530×460×870 mm

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