

Специализированные ванны

Технические характеристики

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Constant Temperature Baths for Rotational Viscometers

This dedicated constant temperature bath for the rotational viscometer utilizes an advanced CFC-free refrigeration system and imported components, ensuring stable and reliable performance. Featuring excellent features such as timing, automatic start, and precision, the instrument is widely used in research departments, universities, corporate quality inspection departments, and production departments in fields such as petroleum, chemical engineering, physics, chemistry, bioengineering, medicine, life sciences, physical property testing, and chemical analysis. It provides a controlled, uniform, and constant temperature liquid environment for users.



[DLBC-1003 Constant Temperature Bath for Rotational Viscometer](#)

The DLBC-1003 rotary viscometer's dedicated constant temperature bath utilizes an advanced CFC-free refrigeration system and imported components, ensuring stable and reliable performance. Featuring excellent features such as timing, automatic start, and precise accuracy, the instrument is widely used in research departments, universities, corporate quality inspection departments, and production departments in the fields of petroleum, chemical engineering, physics, chemistry, bioengineering, medicine, life sciences, physical property testing, and chemical analysis. It has a temperature range of $-10-100^{\circ}\text{C}$, a working bath volume of 6L, a pump flow rate of 15L/min, a working bath opening of 180*140mm, a constant temperature accuracy of $\pm 0.1^{\circ}\text{C}$, and working bath dimensions of 260*200*140mm.

Product Description

The DLBC-1003 Rotational Viscometer's dedicated constant temperature bath utilizes an advanced CFC-free refrigeration system and imported components, resulting in stable and reliable performance. Featuring numerous superior features, including timing, automatic start, and precision, the instrument is widely used in research departments, universities, corporate quality inspection departments, and production departments in fields such as petroleum, chemical engineering, physics, chemistry, bioengineering, medicine and health, life sciences, physical property testing, and chemical analysis. It provides a controlled, uniform, and constant temperature liquid environment for constant temperature testing of test samples or

manufactured products. It can also serve as a heat or cooling source for direct heating or cooling, as well as auxiliary heating or cooling



- Precise temperature control : Temperature control accuracy is $\pm 0.1^{\circ}\text{C}$;
- Adjustable flow rate: Circulation flow rate is adjustable from 0 to 0.45 bar, with a maximum flow rate of 15 L/min;
- Wide range of applications: Internal and external circulation can be switched, suitable for experiments with different needs;
- High safety: The refrigeration compressor has automatic protection functions such as overheating and overload;

model	DLBC-1003
Temperature range ($^{\circ}\text{C}$)	-10-100
Working slot opening (mm^2)	180*140mm
Working tank size (mm^3)	260*200*140
Working tank volume (L)	6
Constant temperature accuracy ($^{\circ}\text{C}$)	$\pm 0.1^{\circ}\text{C}$
Pump flow rate (L/min)	15
Pump pressure (bar)	0.45
Cooling capacity ($25^{\circ}\text{C}/\text{kW}$)	0.3
Heating power (kW)	1
Total power (kW)	1.25

Overall dimensions (mm)	440mm*410mm*240mm
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Metal Bead Constant Temperature Baths

The Metal Bead Thermostatic Bath utilizes a microcomputer to control the temperature of the metal beads, offering high temperature control precision and excellent sample preparation parallelism. It replaces traditional water baths and modular metal baths and can be widely used for the incubation, storage, and reaction of various samples. Applications span the pharmaceutical, chemical, food safety, quality inspection, and environmental industries.



[Metal Bead Thermostatic Bath SCIENTZ-Bead 15](#)

The Metal Bead Constant Temperature Bath is a microcomputer-controlled constant temperature metal bead bath device with high temperature control precision and excellent sample preparation parallelism. It replaces traditional water baths and traditional modular metal baths and can be widely used for the cultivation, preservation, and reaction of various samples. Applications extend across the pharmaceutical, chemical, food safety, quality inspection, and environmental industries. The temperature range is room temperature + 5 to 80°C, with a temperature fluctuation range of $\pm 1^\circ\text{C}$. The heating time is ≤ 45 minutes (from 20°C to 80°C). The bead filling volume is 8L (maximum filling volume cannot exceed 10L), and the working tank volume is 15L.

model	SCIENTZ-Bead 15	SCIENTZ-Bead 20	SCIENTZ-Bead 30
Temperature range (°C)	Room temperature +5~80	Room temperature +5~80	Room temperature +5~80
Temperature fluctuation	±1.0°C	±1.0°C	±1.0°C
Heating time	≤45 minutes (from 20°C to 80°C)	≤45 minutes (from 20°C to 80°C)	≤45 minutes (from 20°C to 80°C)
Bead filling volume (L)	8L (maximum filling volume cannot exceed 10L)	10L (maximum filling volume cannot exceed 15L)	15L (maximum filling volume cannot exceed 20L)
Working tank volume (mm)	15L	20L	30L
Working tank size (mm)	320*320*150	380*380*150	450*450*150
Dimensions (mm)	510*420*235 (including insulation cover)	580*480*235 (including insulation cover)	650*550*235 (including insulation cover)
Heating power	0.8	1.2	1.5
Overtemperature protection function	have	have	have
Using the power supply	AC 220V 50HZ	AC 220V 50HZ	AC 220V 50HZ

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