

High Precision Cooling Water Bath|Thermostatic Bath

(BGDH Series| -80~100℃)



Product Description

BGDH series cooling thermostatic bath by PID temperature control technology can reach high precision of temperature up to 0.01 °C. The temperature covers the ranges from -80 to 100°C. With the circulating system, the water bath can let the heated liquid flow off from the tank and offer a secondary constant-temperature field. It is widely applied in research institutes, universities, corporate quality control departments and industrial sectors like petroleum, chemical engineering, electronic instruments, physics, chemistry, bio-engineering, medicine and health, life science, light industry and food, materials testing and chemical analysis etc. It can provide the user with a working environment where cold or heat was controlled accordingly.

Product Features

1. PID temperature control technology, the optional volatility is ± 0.01 °C.
2. The computer system is convenient to correct the error between display temperature and actual temperature, and the resolution of temperature correction is up to 0.001 C.
3. High quality resistant stainless steel liner with volume from 7.5L to 30L is available.

4. Fully enclosed compressor with high speed and low noise.
5. With internal and external circulation system.
6. Big screen LCD display, easy to operate.
7. Over temperature protection system with alarm and automatic cut-off.
8. RS232 or RS485 communication interface is optional and can realize the remote control.
9. The inner groove can be equipped with lifting bracket to adjust the height of special experimental samples.

Application

The high precision cooling water bath is suitable for petroleum, chemical industry, electronic instrument, physics, chemistry, biological engineering, medicine and health, life science, light industry and food, physical property testing and chemical analysis and other research departments, colleges and universities, enterprise quality inspection and production departments. For example, the constant temperature of biochemical experiment or sample test, the measurement and calibration of thermometer and platinum resistance, supporting fermentation tank, polarizing apparatus, electrophoresis apparatus, photometer, chromatographic column, rotary viscometer, rotary evaporator, rheometer and so on.

Technical Specification

Model	Temperature Range °C	Temperature Volatility °C	Digital Resolution (°C)	Tank Size (mm3)	Tank Cover Size (mm2)	Pump Flow (L/min)
BGDH-0506	-5~100	±0.005~0.01	0.001	250×200×150	180×160	6
BGDH-0510	-5~100	±0.005~0.01	0.001	250×200×200	180×160	6
BGDH-0515	-5~100	±0.005~0.01	0.001	300×250×200	235×180	6
BGDH-0520	-5~100	±0.005~0.01	0.001	300×250×300	235×180	6
BGDH-0530	-5~100	±0.005~0.01	0.001	400×325×230	310×300	13
BGDH-1006	-10~100	±0.005~0.01	0.001	250×200×150	180×160	6

BGDH-1010	-10~100	±0.005~0.01	0.001	250×200×200	180×160	6
BGDH-1015	-10~100	±0.005~0.01	0.001	300×250×220	235×180	6
BGDH-1020	-10~100	±0.005~0.01	0.001	300×250×300	235×180	6
BGDH-1030	-10~100	±0.005~0.01	0.001	400×325×230	310×300	13
BGDH-2006	-20~100	±0.005~0.01	0.001	250×200×150	180×160	6
BGDH-2010	-20~100	±0.005~0.01	0.001	250×200×200	180×160	6
BGDH-2015	-20~100	±0.005~0.01	0.001	300×250×200	235×180	6
BGDH-2020	-20~100	±0.005~0.01	0.001	300×250×300	235×180	6
BGDH-2030	-20~100	±0.005~0.01	0.001	400×325×230	310×300	13
BGDH-3006	-30~100	±0.005~0.01	0.001	250×200×150	180×160	6
BGDH-3010	-30~100	±0.005~0.01	0.001	250×200×200	180×160	6
BGDH-3015	-30~100	±0.005~0.01	0.001	300×250×200	235×180	6
BGDH-3020	-30~100	±0.005~0.01	0.001	300×250×300	235×180	6
BGDH-3030	-30~100	±0.005~0.01	0.001	400×325×230	310×300	13
BGDH-4006	-40~100	±0.005~0.01	0.001	250×200×150	180×160	6
BGDH-4010	-40~100	±0.005~0.01	0.001	250×200×200	180×160	6
BGDH-4015	-40~100	±0.005~0.01	0.001	300×250×200	235×180	6
BGDH-6006	-60~100	±0.005~0.02	0.001	250×200×160	180×150	Internal Recycle
BGDH-6010	-60~100	±0.005~0.02	0.001	250×200×210	180×150	Internal Recycle
BGDH-6015	-60~100	±0.005~0.02	0.001	300×250×210	235×180	Internal Recycle
BGDH-6020	-60~100	±0.005~0.02	0.001	300×250×310	235×180	Internal

						Recycle
BGDH-8006	-80~100	$\pm 0.005 \sim 0.02$	0.001	250×200×160	180×150	Internal Recycle
BGDH-8010	-80~100	$\pm 0.005 \sim 0.02$	0.001	250×200×210	180×150	Internal Recycle
BGDH-8015	-80~100	$\pm 0.005 \sim 0.02$	0.001	300×250×210	235×180	Internal Recycle
BGDH-8020	-80~100	$\pm 0.005 \sim 0.02$	0.001	300×250×310	235×180	Internal Recycle

Service

1. 12 months warranty for thermostatic water bath.
2. Technical support is also available timely.
3. Reply your enquiry within 24 working hours.
4. OEM is available if the quantity is large.
5. Package and shipping worldwide.