

## **Horizontal Cooling Water Bath**

**(BDCW Series| -40~100℃)**



### **Product Description**

BDCW Series cooling thermostatic bath is small size, reasonable structure, suitable for operation on the experimental table. It can reach high precision of temperature up to 0.05 °C by PID temperature control technology. The temperature covers the ranges from -40 °C to 100°C with the heating and refrigeration system. And 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.

Vertical water bath



Horizontal water bath



### Product Features

1. The water bath is compact in structure and volume, it is suitable for operation on the experimental platform.
2. PID temperature control technology, the optional volatility is  $\pm 0.05\text{ }^{\circ}\text{C}$ .
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

Horizontal 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	Tank Size (mm3)	Tank Cover Size (mm2)	Volume (L)	Pump Flow (L/min)
BDCW-0506	-5~100	±0.05	250×200×150	180×140	7.5	6
BDCW-0508	-5~100	±0.05	280×250×140	235×160	8	6
BDCW-0510	-5~100	±0.05	250×200×200	180×140	10	6
BDCW-0515	-5~100	±0.05	280×250×200	235×160	15	6
BDCW-0520	-5~100	±0.05	350×240×250	220×220	20	6
BDCW-0530	-5~100	±0.05	400×325×230	310×280	30	13
BDCW-1006	-10~100	±0.05	250×200×150	180×140	7.5	6
BDCW-1008	-10~100	±0.05	280×250×140	235×160	8	6
BDCW-1010	-10~100	±0.05	250×200×200	180×140	10	6
BDCW-1015	-10~100	±0.05	280×250×200	235×160	15	6
BDCW-1020	-10~100	±0.05	350×240×250	220×220	20	6
BDCW-1030	-10~100	±0.05	400×325×230	310×280	30	13
BDCW-2006	-20~100	±0.05	250×200×150	180×140	7.5	6
BDCW-2008	-20~100	±0.05	280×250×140	235×160	8	6
BDCW-2010	-20~100	±0.05	250×200×200	180×140	10	6
BDCW-2015	-20~100	±0.05	280×250×200	235×160	15	6

BDCW-2020	-20~100	±0.05	350×240×250	220×220	20	6
BDCW-2030	-20~100	±0.05	400×325×230	310×280	30	13
BDCW-3006	-30~100	±0.05	250×200×150	180×140	7.5	6
BDCW-3010	-30~100	±0.05	250×200×200	180×140	10	6
BDCW-3020	-30~100	±0.05	350×240×250	220×220	20	6
BDCW-4006	-40~100	±0.05	250×200×150	180×140	6.5	6

## 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.