

Cooling Thermostatic Water Bath

(BEDC Series| -80~160℃)



Product Description

BEDC Series cooling water bath by PID temperature control technology can reach high precision of temperature up to 0.05 °C. The temperature covers the ranges from -80 °C to 160°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 ± 0.05 °C.
2. High quality resistant stainless steel liner with volume from 7.5L to 30L is available.
3. Fully enclosed compressor with high speed and low noise.
4. With internal and external circulation system.
5. Big screen LCD display, easy to operate.
6. Over temperature protection system with alarm and automatic cut-off.
7. RS232 or RS485 communication interface is optional and can realize the remote control.

8. The inner groove can be equipped with lifting bracket to adjust the height of special experimental samples.

Application

The 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	Tank Size (mm3)	Tank Cover Size (mm2)	Volume (L)	Pump Flow (L/min)
BEDC-0506	-5~100	±0.05	250×200×120	180×160	6	6
☆ BESDC-6	-5~100	±0.05	250×200×150	180×160	7.5	6
BEDC-0510	-5~100	±0.05	250×200×200	180×160	10	6
☆ BEDC-0515	-5~100	±0.05	300×250×200	235×160	15	6
BEDC-0520	-5~100	±0.05	280×250×300	235×160	20	6
☆ BEDC-0530	-5~100	±0.05	420×330×230	310×280	30	13
BWDB-0530	-5~100	±0.05	540×400×150	480×280	30	6
☆ BEDC-1006	-10~100	±0.05	250×200×150	180×160	7.5	6

Model	Temperature Range °C	Temperature Volatility °C	Tank Size (mm3)	Tank Cover Size (mm2)	Volume (L)	Pump Flow (L/min)
BEDC-1010	-10~100	±0.05	250×200×200	180×160	10	6
BEDC-1015	-10~100	±0.05	300×250×200	235×160	15	6
BEDC-1020	-10~100	±0.05	280×250×300	235×160	20	6
BEDC-1030	-10~100	±0.05	420×330×230	310×280	30	13
BWDB-1030	-10~100	±0.05	540×400×150	480×280	30	6
BEDC-1006-II	-10~160	±0.1	250×200×150	180×150	7.5	6
BEDC-1010-II	-10~160	±0.1	250×200×200	180×150	10	6
BEDC-1015-II	-10~160	±0.1	300×250×200	235×180	15	6
BEDC-1020-II	-10~160	±0.1	280×250×300	235×180	20	6
BEDC-1030-II	-10~160	±0.1	420×330×230	310×280	30	6
☆ B EDC-2006	-20~100	±0.05	250×200×150	180×160	7.5	6
BEDC-2010	-20~100	±0.05	250×200×200	180×160	10	6
BEDC-2015	-20~100	±0.05	300×250×200	235×160	15	6
BEDC-2020	-20~100	±0.05	280×250×300	235×160	20	6
BEDC-2030	-20~100	±0.05	420×330×230	310×280	30	13
BWDB-2030	-20~100	±0.05	540×400×150	480×280	30	6
BEDC-2006-II	-20~160	±0.1	250×200×150	180×150	7.5	6
BEDC-2010-II	-20~160	±0.1	250×200×200	180×150	10	6
BEDC-2015-II	-20~160	±0.1	300×250×200	235×180	15	6
☆ B EDC-3006	-30~100	±0.05	250×200×150	180×160	7.5	6

Model	Temperature Range °C	Temperature Volatility °C	Tank Size (mm3)	Tank Cover Size (mm2)	Volume (L)	Pump Flow (L/min)
BEDC-3010	-30~100	±0.05	250×200×200	180×160	10	6
BEDC-3015	-30~100	±0.05	300×250×200	235×160	15	6
BEDC-3020	-30~100	±0.05	280×250×300	235×160	20	6
BEDC-3030	-30~100	±0.05	420×330×230	310×280	30	13
BEDC-3006-II	-30~160	±0.1	250×200×150	180×150	7.5	6
BEDC-3010-II	-30~160	±0.1	250×200×200	180×150	10	6
☆ B EDC-4006	-40~100	±0.05	250×200×150	180×140	7.5	6
BEDC-4010A	-40~100	±0.05	310×210×150	185×180	10	6
BEDC-4010B	-40~100	±0.05	250×200×200	180×140	10	6
BEDC-4015	-40~100	±0.05	300×250×200	235×160	15	6
BEDC-4020	-40~100	±0.05	280×250×300	235×160	20	6
BEDC-4030	-40~100	±0.05	420×330×230	310×280	30	13
BEDC-4008-II	-40~160	±0.1	270×200×150	180×180	8	6
☆ B EDC-6006	-60~100	±0.1	250×200×160	180×150	7.5	Internal recycle
BEDC-6010	-60~100	±0.1	250×200×210	180×150	10	Internal recycle
BEDC-6015	-60~100	±0.1	300×250×210	235×180	15	Internal recycle
BEDC-6020	-60~100	±0.1	300×250×310	235×180	20	Internal recycle
BEDC-6030	-60~100	±0.1	420×330×230	310×280	30	Internal recycle

☆ B EDC-8006	-80~100	±0.1	250×200×160	180×150	7.5	Internal recycle
BEDC-8010	-80~100	±0.1	250×200×210	180×150	10	Internal recycle
BEDC-8015	-80~100	±0.1	300×250×210	235×180	15	Internal recycle
BEDC-8020	-80~100	±0.1	300×250×310	235×180	20	Internal recycle
BEDC-8030	-80~100	±0.1	420×330×230	310×280	30	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.