

Circulator Oil Bath| Water Oil Bath Circulator

(BESC Series| Ambient Temperature~300℃)



Product Description

BESC Series thermostatic oil bath by PID temperature control technology can reach high precision of temperature up to 0.05 °C. The temperature covers the ranges from ambient temperature to 300°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. Wide temperature range: ambient temperature to 100°C, ambient temperature to 200°C, ambient temperature to 300°C according to your needs.
2. Suitable for both water and oil bath.
3. PID temperature control technology, the optional volatility is ± 0.05 °C.
4. High quality resistant stainless steel liner with volume from 5L to 160L is available.

5. The instrument is compact in structure and volume. It is suitable for operation on the experimental platform.
6. With internal and external circulation, the secondary thermostatic field can be established to extend the scope of application.
7. Big screen LCD display, easy to operate.
8. Over temperature protection system with alarm and automatic cut-off.
9. RS232 or RS485 communication interface is optional and can realize the remote control.
10. The inner groove can be equipped with lifting bracket to adjust the height of special experimental samples.

Application

The circulator oil 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)	Pump Flow (L/min)	Volume (L)	Tank Cover Size (mm2)
BESC-5A	ambient~95	0.05	240×150×150	Internal recycle	5	180×140
BESC-15	ambient~100	0.05	280×250×200	6	15	235×160
BESC-20	ambient~100	0.05	400×330×150	6	20	310×280
BESC-25	ambient~100	0.05	280×250×300	4	21	235×160

Model	Temperature Range °C	Temperature Volatility °C	Tank Size (mm3)	Pump Flow (L/min)	Volume (L)	Tank Cover Size (mm2)
BESC-30	ambient~100	0.05	400×330×230	6	30	310×280
BESC-35	ambient~100	0.05	400×330×260	Internal recycle	35	310×280
BESC-40	ambient~100	0.1	490×420×200	Internal recycle	40	400×380
BESC-50	ambient~100	0.1	520×320×300	Internal recycle	50	300×350
BESC-70	ambient~100	0.1	780×300×300	Internal recycle	70	600×300
BESC-90	ambient~100	0.1	980×300×300	Internal recycle	90	800×300
BESC-160	ambient~100	0.1	650×500×500	Internal recycle	160	500×500
BEZC-18Q	ambient~100	0.05	320×275×200	6	18	250×230
BEZC-22Q	ambient~100	0.05	495×295×150	6	22	395×285
BESC-7A	ambient~200	0.05	240×195×150	Internal recycle	7	180×140
BESC-15A	ambient~200	0.05	300×240×200	Internal recycle	15	235×160
BESC-15B	ambient~200	0.05	300×240×200	5	15	235×160
BESC-25A	ambient~200	0.05	280×250×300	Internal recycle	21	235×160
BESC-20A	ambient~200	0.05	500×300×150	Internal recycle	22	310×280

Model	Temperature Range °C	Temperature Volatility °C	Tank Size (mm3)	Pump Flow (L/min)	Volume (L)	Tank Cover Size (mm2)
BESC-20B	ambient~200	0.05	500×300×150	6	22	310×280
BESC-30A	ambient~200	0.05	400×330×230	Internal recycle	30	310×280
BESC-35A	ambient~200	0.1	400×330×260	Internal recycle	35	310×280
BESC-40A	ambient~200	0.1	490×420×200	Internal recycle	40	400×380
BESC-50A	ambient~200	0.1	520×320×300	Internal recycle	50	300×350
BESC-70A	ambient~200	0.1	780×300×300	Internal recycle	70	600×300
BESC-90A	ambient~200	0.1	980×300×300	Internal recycle	90	800×300
BESC-160A	ambient~200	0.1	650×500×500	Internal recycle	160	500×500
BESC-5D	ambient~300	0.1	240×150×150	Internal recycle	5	150×180
BESC-10D	ambient~300	0.05	300×200×170	Internal recycle	10	200×200
BESC-15D	ambient~300	0.05	300×200×250	Internal recycle	15	200×200
BGHC-15	ambient~300	0.05	300×240×200	Internal recycle	15	235×160
BGHC-20	ambient~300	0.05	400×330×150	Internal recycle	22	310×280
BGHC-25	ambient~300	0.05	280×250×300	Internal recycle	21	235×160

Model	Temperature Range °C	Temperature Volatility °C	Tank Size (mm3)	Pump Flow (L/min)	Volume (L)	Tank Cover Size (mm2)
BGHC-30	ambient~300	0.05	400×330×230	Internal recycle	30	310×280
BGHC-40	ambient~300	0.1	490×420×200	Internal recycle	40	400×380
BGHC-50	ambient~300	0.1	490×420×250	Internal recycle	50	400×380

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.