

**Cooling Circulator Water Bath**  
**Cooling Circulator Thermostatic Bath**  
**(BEDL Series| -80℃~Ambient)**



**Product Description**

The BEDL Series cooling circulator water bath can lead the cooling liquid ( from -80℃ to ambient temperature) to the second constant temperature field. 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  $\pm 0.5$  °C.
2. High quality resistant stainless steel liner with volume from 5L to 50L is available.
3. Fully enclosed compressor with high efficiency 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 circulator 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	Working Temperature <sup>°C</sup>	Tank Volume (L)	Cooling Capacity (W)	Temperature Volatility <sup>°C</sup>	Pump Flow (L/min)
BEDL-1005	-10	5	350	±0.5	15
BEDL-1010	-10	10	500	±0.5	15
BEDL-1015	-10	15	800	±0.5	15
BEDL-1020	-10	20	1000	±0.5	15
BEDL-1030	-10	30	2300	±0.5	15
BEDL-1050	-10	50	2500	±0.5	15
BEDL-1510	-15	10	600	±0.5	15

BEDL-2005	-20	5	180	$\pm 0.5$	15
BEDL-2010	-20	10	500	$\pm 0.5$	15
BEDL-2015	-20	15	700	$\pm 0.5$	15
BEDL-2020	-20	20	1300	$\pm 0.5$	15
BEDL-2030	-20	30	1800	$\pm 0.5$	15
BEDL-2050	-20	50	3500	$\pm 0.5$	15
BEDL-3005	-30	5	150	$\pm 0.5$	15
BEDL-3010	-30	10	300	$\pm 0.5$	15
BEDL-3015	-30	15	1000	$\pm 0.5$	15
BEDL-3020	-30	20	1400	$\pm 0.5$	15
BEDL-3030	-30	30	1000	$\pm 0.5$	15
BEDL-3050	-30	50	2800	$\pm 0.5$	15
BEDL-4005	-40	5	200	$\pm 0.5$	15
BEDL-4010	-40	10	400	$\pm 0.5$	15
BEDL-4015	-40	15	600	$\pm 0.5$	15
BEDL-4020	-40	20	800	$\pm 0.5$	15
BEDL-4030	-40	30	1000	$\pm 0.5$	15
BEDL-4050	-40	50	1500	$\pm 0.5$	15
BEDL-6005	-60	5	300-1910	$\pm 2$	15
BEDL-6010	-60	10	300-2750	$\pm 2$	15
BEDL-6015	-60	15	570-2980	$\pm 2$	15
BEDL-6020	-60	20	570-4120	$\pm 2$	15
BEDL-6030	-60	30	680-4330	$\pm 2$	15

BEDL-6050	-60	50	1600-10570	±2	15
BEDL-8005	-80	5	210-2100	±2	15
BEDL-8010	-80	10	230-2900	±2	15
BEDL-8015	-80	15	320-3500	±2	15
BEDL-8020	-80	20	360-4530	±2	15
BEDL-8030	-80	30	440-4679	±2	15
BEDL-8050	-80	50	1260-11200	±2	15

## 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.