

Bath / Circulator

Thermostatic Water Bath



Introduction:

Thermostatic Water Bath is used for incubating samples in water at a constant temperature over a long period of time, as well as for drying, concentrating, distilling chemical reagents, drugs and biological agents. It is a necessary equipment for education and scientific research in biological, genetic, viral, aquatic, environmental protection, medicine, health, biochemical laboratories and analysis rooms.

Features:

- * PID temperature control, high temperature precision, with temperature deviation alarm.
- * The water tank is made of 304 stainless steel by one time stamping process, which is resistant to high temperature, corrosion and rust.
- * All-round heating, rapid heating, adjustable lid locking temperature.
- * The lid of the water bath can be adapted to various sizes of containers (inside diameter: $\phi 39\text{mm}$, $\phi 57\text{mm}$, $\phi 77\text{mm}$, 97mm).

Technical Parameters:

Model	BK-S1	BK-S2	BK-S4	BK-S6	BK-S8
Positions	1	2	4	6	8
Capacity	3L	5L	10L	20L	26L
Temp. Range	RT+5°C~100°C	RT~100°C			
Temp. Fluctuation	$\pm 1^\circ\text{C}$	$\pm 0.5^\circ\text{C}$			
Timing Range	1~999min	0~99h59min			
Display	LED display	OLED Display			
Anti-dry Protection	/	Standard			
Consumption	300W	600W	1000W	1500W	2000W
Power Supply	AC220V $\pm 10\%$, 50/60Hz(Standard); 110V, 50/60Hz(Optional)				
Internal Size(L*W*H)	160*160*120mm	300*150*150mm	325*300*145mm	505*300*150mm	620*315*135mm
External Size(L*W*H)	200*215*200mm	383*236*259mm	383*381*264mm	568*376*259mm	650*365*264mm
Package Size(L*W*H)	260*260*265mm	444*324*294mm	444*324*444mm	444*324*634mm	710*400*285mm
Net Weight	2.3kg	4.5kg	6kg	8kg	10kg
Gross Weight	3kg	4.7kg	6.2kg	8.5kg	13kg

Optional Tube Rack:

Model		BK-S1	BK-S2	BK-S4	BK-S6	BK-S8
Max Number	$\phi 13\text{mm} \times 40$	/	1	3	5	7
	$\phi 14\text{mm} \times 40$	/	1	3	5	6
	$\phi 16\text{mm} \times 40$	/	1	3	4	5
	$\phi 17\text{mm} \times 40$	/	1	3	4	5
	$\phi 19\text{mm} \times 30$	/	1	3	5	6
	$\phi 19\text{mm} \times 40$	/	1	2	4	5
	$\phi 19\text{mm} \times 50$	/	1	2	3	4
	$\phi 21\text{mm} \times 12$	/	1	4	7	8
	$\phi 21\text{mm} \times 40$	/	1	2	4	5
	$\phi 21\text{mm} \times 50$	/	/	2	3	4
	$\phi 23\text{mm} \times 12$	/	1	4	7	8
	$\phi 23\text{mm} \times 40$	/	/	2	2	4
	$\phi 25\text{mm} \times 40$	/	/	/	2	4
	$\phi 27\text{mm} \times 12$	/	1	3	6	7
	$\phi 27\text{mm} \times 40$	/	/	/	2	2
	$\phi 30\text{mm} \times 12$	/	1	3	5	6
	$\phi 30\text{mm} \times 24$	/	1	2	2	3
	$\phi 30\text{mm} \times 40$	/	/	/	1	1
	$\phi 32\text{mm} \times 12$	/	1	3	5	6
	$\phi 32\text{mm} \times 24$	/	/	/	2	2



Features:

- * The shell adopts cold plate spraying, which improves the anti-corrosion ability of the whole machine.
- * The inner liner is made of high-quality 304 stainless steel, which is corrosion-resistant and not easy to rust.
- * Adjustable ring cover to meet the needs of different sizes of experimental instruments.
- * Real-time temperature value display, accurate temperature control, countdown display.
- * Hidden stretch drain, beautiful, convenient and durable.

Technical Parameters:

Model	BK-WB1	BK-WB2	BK-WB4	BK-WB6	BK-WB8
Capacity	3.5L	6.8L	13L	20L	26L
Temperature Range	RT+5~99.9°C				
Temperature Display Precision	0.1°C				
Temperature Fluctuation	$\pm 0.5^\circ\text{C}$				
Temperature Uniformity	$\pm 0.5^\circ\text{C}$				
Timing Range	1~999min				
Chamber Material	Integrated S.S.				
Heating Power	300W	600W	800W	1200W	1800W
Power Supply	Standard: 220V 50/60Hz; optional: 110V 50/60Hz				
Chamber Size(mm)	160*160*140	305*160*140	305*305*140	470*305*140	620*305*140
Outer Size(mm)	210*215*195	365*215*195	365*365*195	530*365*195	680*365*195
Net Weight	2.7kg	3kg	4.3kg	5.4kg	7kg
Packing Size(mm)	210*215*195	395*215*240	395*395*240	560*395*240	705*410*265
Gross Weight	3.5kg	3.7kg	5.3kg	6.7kg	8.6kg

Optional Tube Rack:

Model		BK-WB1	BK-WB2	BK-WB4	BK-WB6	BK-WB8
Max Number	$\phi 13\text{mm} \times 40$	/	1	3	5	6
	$\phi 14\text{mm} \times 40$	/	1	3	5	5
	$\phi 16\text{mm} \times 40$	/	1	3	4	5
	$\phi 17\text{mm} \times 40$	/	1	2	4	5
	$\phi 19\text{mm} \times 40$	/	1	2	4	5
	$\phi 21\text{mm} \times 40$	/	1	2	3	5
	$\phi 23\text{mm} \times 40$	/	1	2	3	4
	$\phi 25\text{mm} \times 40$	/	/	/	2	2
	$\phi 27\text{mm} \times 40$	/	/	/	2	2
	$\phi 30\text{mm} \times 40$	/	/	/	1	1
	$\phi 17\text{mm} \times 12$	1	4	8	12	15
	$\phi 19\text{mm} \times 12$	1	3	5	10	12
	$\phi 21\text{mm} \times 12$	/	2	4	8	10
	$\phi 23\text{mm} \times 12$	/	2	4	8	10
	$\phi 27\text{mm} \times 12$	/	2	3	6	6
	$\phi 30\text{mm} \times 12$	/	1	3	5	6
	$\phi 32\text{mm} \times 12$	/	1	3	5	5