

Water Bath Shaker

Water Bath Shaker (also called shaking water bath) is to shake and mix the sample steadily while maintaining a constant temperature. They are used in applications such as culturing cells, hybridization, and molecular biology assays.

- ❖ Large-screen background LCD, shows the measured value, set value and the setting time and the remaining time.
- ❖ High-precision temperature control. Resume operation automatically if power off unexpectedly.
- ❖ High-precision speed control: PID feedback control, motor speed stable and accurate. Slow start design, automatically locked after speed out of control, adjustable start speed prevent splashing of shaking bottle liquid.
- ❖ Tube rack and water bath flask seat for standard configuration, with function of water bath.



Model		SWB-26	SWB-35	SWB-45	SWB-55
Type		Reciprocating oscillation + thermostatic water bath			
Function	Operating Temp Range	RT~100°C			
	Tem. Resolution Ratio	0.1°C			
	Tem. Uniformity	±2.0°C			
	Reciprocal Oscillation Amplitude	16 or 24mm (Ex-factory is 16mm)			
	Reciprocating frequency Range	20~180 (r/min)			
	Reciprocating frequency Accuracy	±1rpm			
Structure	Water Tank	Stainless steel #304			
	Outer Shell	Cold rolling steel electrostatic spraying exterior			
	Upper Cover	Stainless steel #304			
	Insulating Layer	Polyurethane Optional			
	Heater	Stainless Steel Heater			
	Driving Mode	Crankshaft+ double link + four wheels			
	Shelf	Mirror stainless steel			
	Power rating	1.5kW			
Controller	Tem. Control Mode	LCD PID Intelligent control			
	Reciprocating Control Mode	Touch button setting			
	Setting Mode	LCD Display			
	Temperature Display Mode	LCD Display			
	Speed Display Mode	LCD Display			
	Timer	0~9999 min/hr			
	Operation function	Fixed value operation, timing function, auto stop, quickly stop start			
	Temperature Sensor	Pt100			
	Speed Sensor	Hoare			
Additional Function	Deviation correction, menu keys, locked, power-off memory				
Safety device		over temperature alarm, menu locked, water full or shortage protection, Motor shaft lock protection;			
Specification	Water Tank Size (W*L*H)(mm)	500*310*170	500*400*170	500x500x180	550*550*180
	Exterior Size (W*L*H)(mm)	800*360*425	800*450*425	800*550*425	850*600*425
	Spring Shock Basket Size (mm)	450x250	450x350	450x450	500x500
	Shock Basket Largest Single Size (ml /piece)	250*8/500*4	250*12/500*6	250*16/500*8	250*24/500*10
	Inside Volume	26L	35L	45L	55L