

# Stirring Water Bath

The Major Science SWB series of built-in stirred baths with digital control provides excellent value for accurate temperature control up to maximum of 99°C and well stirring mixture. The powerful magnetic stirring mechanism and heating power offers the great water temperature uniformity and stirring mixture function for medium solution in a vessel(s) placed in the tank. A safety device is equipped to avoid overheating.

10L stirring water bath series contains two modes. SWB-10L-1 is equipped with one stirring mechanism, whereas SWB-10L-2 is equipped with two stirring mechanisms. SWB-10L-2 is an advanced mode, designed for a higher capability of experimental demand. Optional Data Logging software for real time data recording through a PC is for your specified requirement.

## Features

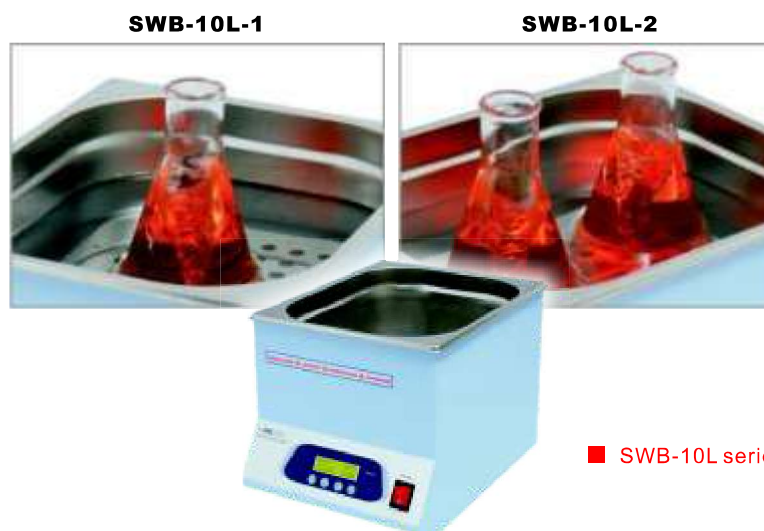
- >Microprocessor control with digital performance and great temperature control accuracy
- >Built-in magnetic stirring mechanism for water agitation, water temperature uniformity and medium solution mixing in a vessel(s)
- >Stirring speed control
- >600W heater power for fast heat up
- >LCD screen shows temperature and timer simultaneously
- >User temperature calibration
- >Safety device to avoid overheating with alarm, and automatic shut down
- >One or dual stirring mechanism capability
- >Data Logging software available



Cat. No. :SWB-10L series



Specification	SWB-10L-1	SWB-10L-2
Number of Stirring Mechanism	1	2
Stirring Speed	400 ~ 1800rpm	
Bath Capability	approx. 10L	
Display	LCD	
Heating Power	600W	
Controller	Digital microprocessor controller	
Bath Temperature	5 °C above ambient to 99°C	
Temperature Increment	0.1°C	
Temperature Calibration	Yes	
Timer	Up to 99(hr): 59(min), continuous	
Safety Device	Warning indication on screen with alarm and automatically shut down	
Operation Temperature	Ambient to 40°C	
Bath Tank Material	304 stainless steel	
Bath Inner Dimension (W x L x H)	240 x 300 x 150mm	
Unit Dimension (W x L x H)	255 x 355 x 240mm (without lid)	
Construction	Painted iron metal	
Lid Material	Transparent acrylic material assembled with stainless steel construction	
Communication Port	RS 232	
Weight	approx. 9.0kg	
Rated Voltage	110V or 220V	



#### Ordering Information

SWB-10L-1-110/220	Stirring Water Bath (10L) with 1 built-in stirring mechanism
SWB-10L-2-110/220	Stirring Water Bath (10L) with 2 built-in stirring mechanisms
SWB-RS232	RS 232 cable
SWB-DLSW	Data Logging software package
SWB-DLSW-R	Data Logging software package, including a RS 232 cable