

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



CE

Cat. No. :SWB-10L series



Speed control



Transparent Lid

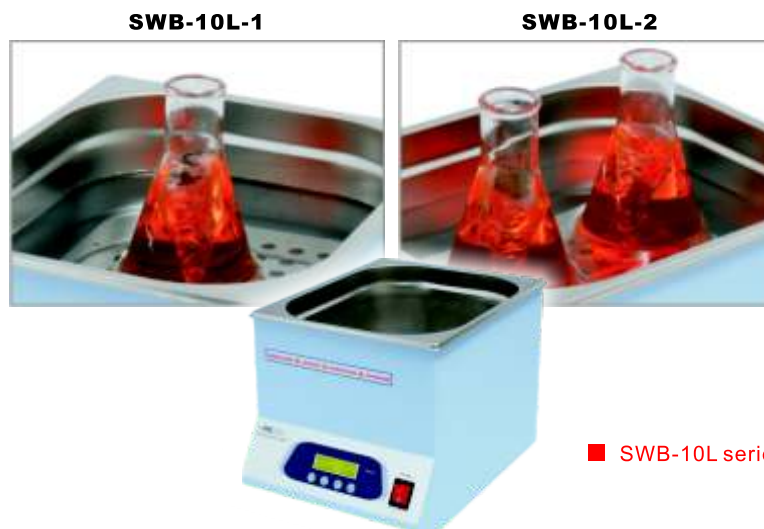


LCD display



Safety device

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

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- Temp. Set Value: 65°C
- Initial Temp. Value: 27°C

Poured Water Volume: 5 liter water
Process Time: approx. 34mins

