



# Stirring Water Bath

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The SWB's 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.

20L stirring water bath series contains two modes. SWB-20L-1 is equipped with one stirring mechanism, whereas SWB-20L-3 is equipped with three stirring mechanisms. SWB-20L-3 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
- >800W 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 three stirring mechanism capability
- >Data Logging software available



Cat. No. :SWB-20L series

<b>Specification</b>	<b>SWB-20L-1</b>	<b>SWB-20L-3</b>
Number of Stirring Mechanism	1	3
Stirring Speed	400 ~ 1800rpm	
Bath Capability	approx. 20L	
Display	LCD	
Heating Power	800W	
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)	300 x 500 x 150mm	
Unit Dimension (W x L x H)	330 x 540 x 240mm (without lid)	
Construction	Painted iron metal	
Lid Material	Transparent acrylic material assembled with stainless steel construction	
Communication Port	RS 232	
Weight	approx. 14kg	
Rated Voltage	110V or 220V	



#### **Ordering Information**

<b>SWB-20L-1-110/220</b>	<b>Stirring Water Bath (20L) with 1 built-in stirring mechanism</b>
<b>SWB-20L-3-110/220</b>	<b>Stirring Water Bath (20L) with 3 built-in stirring mechanisms</b>
<b>SWB-RS232</b>	<b>RS 232 cable</b>
<b>SWB-DLSW</b>	<b>Data Logging software package</b>
<b>SWB-DLSW-R</b>	<b>Data Logging software package, including a RS 232 cable</b>

Cat. No. :BWB-20L series



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

Poured Water Volume: 12 liter water  
Process Time: approx. 60mins

