

## SW23 Shaking Water Bath

JULABO Shaking Water Baths provide numerous state-of-the-art features for common day-to-day laboratory tasks. For example: sloped edges keep water in the stainless steel bath tank even when bath lid is open.



### Your advantages

- Working temperature range from +20 to +99.9 °C
- User-friendly operation via keypad
- Bright LED-Display
- Splash-proof design
- Power switch integrated in keypad (patented)
- High temperature stability of  $\pm 0.2$  °C or  $\pm 0.02$  °C
- Dry-running protection with audible and optical alarm
- Warning and cut-off protection for high/low temperature
- Adjustable shaking frequencies from 20 to 200 RPM's in SW models
- Convenient bath drains
- Removable bottom plate and shaking insert
- Lift-up bath cover (optional)
- Wide selection of accessories for temperature control of samples
- All wetted parts are made of stainless steel or high grade plastics

### Technical data

<b>Available voltage versions</b>		<b>Bath</b>	
Order No.	9 550 323	Bath tank	Stainless steel
Available voltage versions:		Bath cover	accessory
9 550 323.02	115V/60Hz (Nema N5-15 Plug)	Usable bath opening cm (W x L / D)	50 x 30 / 18
9 550 323.03	230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F)		
9 550 323.04	230V/50-60Hz (UK Plug Type BS1363A)		
9 550 323.05	230V/50-60Hz (CH Plug Type SEV 1011)		
<b>Other</b>		<b>Electronics</b>	
Classification	Classification I (NFL)	Temperature control	PID1
IP Code	IP 21	Temperature display	LED
		Temperature setting	Keypad
<b>Waterbath</b>		<b>Dimensions and volumes</b>	
Dimension with bathcover cm (W x L x H)	70 x 35 x 43	Usable immersion depth cm	18
Shaking frequency / adjustable Shaking frequency rpm	20 ... 200	Weight kg	20.7
Shaking stroke / adjustable shaking stroke mm	15	Dimensions cm (W x L x H)	70 x 35 x 26
		Filling volume l	8 ... 20
<b>Temperature values</b>			
Setting the resolution of the temperature display °C	0.1		
Working temperature range °C	+20 ... +99.9		
Temperature stability °C	$\pm 0.02$		
Ambient temperature °C	5 ... 40		

### Performance values

#### 115V/60Hz (Nema N5-15 Plug)

115V/60Hz	
Heating capacity kW	1

#### 230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F)

230V/50Hz		230V/60Hz	
Heating capacity kW	2	Heating capacity kW	2

#### 230V/50-60Hz (UK Plug Type BS1363A)

230V/50Hz		230V/60Hz	
Heating capacity kW	2	Heating capacity kW	2

#### 230V/50-60Hz (CH Plug Type SEV 1011)

230V/50Hz		230V/60Hz	
Heating capacity kW	2	Heating capacity kW	2

### All Benefits



**Precise**  
PID Temperature control with set control parameters, temperature stability  $\pm 0.02 \dots \pm 0.2$  °C



**Automatic control of operating time**  
Electronic countdown-timer function for timer-programmed unit shut-down, standby mode after programmed time expires



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