



## Product Data Sheet

### SW23 Shaking Water Bath

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#### Product Image



#### Order Information

**Model:** SW23  
**Order no.:** 9550323  
 Available mains power:  
 230V / 50-60Hz  
 115V / 60Hz

#### Similar Models

These models could also be interesting for you:

[SW22](#)

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#### Description

Shaking Water Bath with MICROPROCESSOR technology

JULABO water baths and shaking water baths with seamless, splash-water protected keypad offer a high operating comfort. The bright MULTI-DISPLAY (LED) indicating up to 6 temperature values is visible from across the lab. Advanced MICROPROCESSOR technology with PID temperature control eliminates temperature overshoot and provides high temperature stability. The built-in timer simplifies time-dependent applications. The RS232 interface allows on-line communication with PC. Sensitive samples in the bath are well protected: As soon as the high and low temperature limits are reached an interval tone sounds. If the liquid in the bath reaches a minimum, a complete shut-down is effected and a permanent signal tone sounds. Instruments are conceived for unsupervised continuous operation. Bath tanks and all parts in contact with the bath liquid are made of high-grade stainless steel.

#### Advantages

- o MICROPROCESSOR technology with PID temperature control
- o Bright MULTI-DISPLAY (LED)
- o Seamless, splash-proof keypad
- o Splash-proof mains switch
- o Electronic timer for setting the running time (0:01 to 9:59 h:min)
- o On-line communication via built-in RS232 interface
- o Early warning system with high and low temperature limits
- o Drain screw for conveniently emptying the bath
- o Dry-running protection / safety temperature fixed at 130 °C
- o Wide range of accessories including lift-up Makrolon bath cover available
- o EasyTemp control software is available free of charge
- o Removable shaking carriage
- o Shaking frequency adjustable from 20 to 200 rpm
- o Shaking frequency indicated on MULTI-DISPLAY (LED)
- o Shaking stroke 15 mm

#### Technical Specifications

Working temperature range	20 ... 99.9 °C
Temperature control	PID
Temperature stability	±0.02 °C
Display	LED
Display resolution	0.1 °C
Integrated programmer	not available
Heater capacity	2000 W
Digital interfaces	RS232
Bath opening / bath depth (W x L / D)	50 x 30 / 18 cm
Filling volume	8 ... 20 Liters
Dimensions (W x L x H)	70 x 35 x 26 cm
Weight	23 kg
Ambient temperature	5 ... 40 °C
Classification according to DIN 12876-1	1

#### Miscellaneous

Lift-up Makrolon cover available as accessory (order no. 8970288) RS232 interface cable available as accessory (order no. 8980075)