



## JULABO SW22 Shaking Water Bath

### 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.



### Available downloads:

↓ [EasyTemp Software](#)

### Features

- 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

Model		SW22
<b>JULABO Order No.</b>		<b>9550322</b>
Working temp. range	°C	20 ... 99,9
Temperature controller		PID
Temperature stability	± °C	0.2
Display		LED
Display resolution	°C	0.1
Integrated Programmer		no
Heater capacity	W	2000

### Electrical connections

Digital interfaces	RS232	RS485	PROFIBUS
	X	-	-

### General information

Bath opening (W x L)	cm	50 x 30
Bath depth	cm	18
Filling volume	Liters	8 ... 20
Dimensions (W x L x H)	cm	70 x 35 x 26
Weight	kg	22

Ambient temperature	°C	5 ... 40
Mains power (±10%)	V/Hz	230V / 50-60Hz or 115V / 60Hz
Power / current consumption		2150 W
Classification according to DIN 12876-1	Class	1

#### Miscellaneous

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

Data determined at a mains voltage of 230V / 50-60Hz and ambient temperature of 20 °C.  
 Technical changes without prior notification reserved. Pictures may differ from original.

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