



JULABO TW12 Water Bath

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

Model		TW12
JULABO Order No.		9550112
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	35 x 27
Bath depth	cm	14
Filling volume	Liters	5 ... 12
Dimensions (W x L x H)	cm	40 x 32 x 28
Weight	kg	11
Ambient temperature	°C	5 ... 40
Mains power (±10%)	V/Hz	230V / 50-60Hz or 115V / 60Hz
Power / current consumption		2010 W

Miscellaneous

Lift-up Makrolon cover available as accessory (order no. 8970287)

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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