JULABO TW20 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		TW20
JULABO Order No.		**9550120**
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 ... 22
Dimensions (W x L x H)	cm	56 x 35 x 32
Weight	kg	20
Ambient temperature	°C	5 ... 40
Mains power (±10%)	V/Hz	230V / 50-60Hz or 115V / 60Hz
Power / current consumption		2010 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.