

Julabo Product Data Sheet

MA Heating Immersion Circulator

[Print Data Sheet](#)

Product Image



Order Information

Model: MA
Order no.: 9153000

Available mains power:
230V / 50-60Hz
100-115V / 50-60Hz

Sales & Support:

+49 7823 51-190

Monday to Friday
7:30 am - 17:00 pm

JULABO Labortechnik GmbH
Eisenbahnstrasse 45
77960 Seelbach/Germany
Phone +49 7823 51-0
Fax +49 7823 2491
info@julabo.de
www.julabo.de

Technical changes reserved.
Pictures may differ from original.

Description

Heating Immersion Circulator for any bath tanks up to 50 liters

JULABO Heating Immersion Circulators are available for various bath tanks up to a capacity of 50 litres and come equipped with a bath clamp that fits onto all tanks with a wall thickness up to 26 mm. This clamp allows fast and problem-free assembling for existing as well as new bath tanks. The immersion depth is 16.5 cm (adjustable down to 14.5 cm). The immersed parts are made of high-quality stainless steel or plastic. The pump set, which is available as an accessory, provides pumping to external systems for provision of external temperature tasks. An integrated cooling coil for cooling-water connection is also available as an accessory.

Advantages

- o MULTI-DISPLAY (LED) for actual and setpoint values, warning/safety functions and pump stage
- o Keypad for setpoints, warning/safety values and menu functions
- o PID2 temperature control with drift compensation
- o ATC3 3-Point-Calibration
- o Early warning system for low liquid level (DBGM 203 06 059.8)
- o Adjustable high temperature cut-out, visible via display
- o RS232 interface for online communication
- o SMART PUMP, electronically adjustable pump stages

Technical Specifications

Working temperature range	20 ... 200 °C
Temperature control	PID
Temperature stability	±0.01 °C
Display	LED
Display resolution	0.01 (-9.99...99.99°C) / 0.1 °C
Integrated programmer	not available
Heater capacity	2000 W
Pump capacity	Pressure: 0,23...0,45 bar Flow rate: 11-16 l/min
Digital interfaces	RS232
Dimensions (W x L x H)	13 x 15 x 33 cm
Weight	4 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	3 (FL)

Miscellaneous

Installation cooling coil and pump set for external applications available as accessory.