

95°C | 400°C  
Innovative Temperature Technology

**JULABO**



## JULABO ME Heating Immersion Circulator

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.

### Available downloads:

- [EasyTemp Software](#)
- [Interactive product demo](#)
- [Easy BlackBox remote diagnosis software](#)



### Features

- o VFD COMFORT DISPLAY, resolution 0.1 °C
- o Keypad for setpoints, warning/safety values and menu functions
- o PID3 cascade temperature control
- o ATC3 3-Point-Calibration
- o Pt100 External sensor connection for measurement and control
- o PPC (Pump Pressure Control), electronically adjustable pump capacity
- 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 Integrated programmer for 10 program steps

Model		ME
<b>JULABO Order No.</b>		<b>9160000</b>
Working temp. range	°C	20 ... 200
Temperature controller		PID, cascade
Temperature stability	± °C	0.01
Display		VFD
Display resolution	°C	0.1
Integrated Programmer		yes
Heater capacity	W	2000

#### Pump

Pressure pump capacity max.	mbar	450
	l/min	11-16
Pump connections		-

#### Electrical connections

Digital interfaces		RS232	RS485	PROFIBUS
		X	-	-
Analog interfaces		Programmer input		-
		Temperature recorder output		-
		Stand-by		-
		Alarm		-

		External Pt100 sensor	X
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General information

Dimensions (W x L x H)	cm	13 x 15 x 33
Weight	kg	4
Ambient temperature	°C	5...40
Mains power (±10%)	V/Hz	230V / 50-60Hz or 100-115V / 50-60Hz
Power / current consumption		n/a
Classification according to DIN 12876-1	Class	3 (FL)

Miscellaneous

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

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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