EH Heating Immersion Circulator

Basic models for routine and standard applications -20°C...150°C

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 liters 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.

Your advantages

- Bright LED temperature display, resolution 0.1 °C
- Keypad for setpoint, switches automatically to the actual value
- PID1 temperature control
- Adjustable high temperature cut-out
- Low liquid level protection
- ATC 1-point calibration
- Timer function

Technical Data

Order No.	9118000
Model series	Economy
Category	Heating Immersion Circulators
Working temperature range (°C)	20 ... 150
Temperature stability (°C)	±0.03
Setting / display resolution	0.1 °C
Temperature Display	LED
Heating capacity (kW)	2
Pump capacity flow rate (l/min)	15
Pump capacity flow pressure (bar)	0.35
Ambient temperature	5...40 °C
Dimensions W x L x H (cm)	13 x 15 x 33
Weight (kg)	3.3

Classification according to DIN12876-1	Classification III (FL)according to DIN 12876-1
Description	For temperature applications near or below ambient temperature: use a cooling coil or JULABO immersion cooler.
Cooling coil	optional
Usable immersion depth (cm)	8-14.5

Available voltage versions

230 V / 50 Hz
115 V / 60 Hz
100 V / 50-60 Hz
230 V / 60 Hz

Characteristics

Easy to read
Large LED temperature display for actual value and setpoint (resolution 0.1 °C)

Clear and simple
3-key operation for easy setpoint adjustment

Precise
PID Temperature control with set control parameters, temperature stability ±0.02...±0.2 °C

High measuring accuracy
‘**A**bsolute **T**emperature **C**alibration’ for manual compensation of a temperature difference, 1-point calibration

Other characteristics

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

Technical changes without prior notification.
Images may deviate from the original.