

ED 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 / dry-running protection

Technical Data

Order No.	9116000
Model series	Economy
Category	Heating Immersion Circulators
Working temperature range (°C)	+20 ... +100
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 I (NFL) according to DIN 12876-1
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

For temperature applications near or below ambient temperature: use a cooling coil or JULABO immersion cooler.

Characteristics

Display



Easy to read

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

Operation



Clear and simple

3-key operation for easy setpoint adjustment

Temperature Control



Precise

PID Temperature control with set control parameters, temperature stability $\pm 0.02 \dots \pm 0.2$ °C

Warning & Safety Functions



Protective functions

Adjustable high temperature cut-off or dry-running protection



Only for non-flammable bath fluids

Classification I (NFL) according to DIN 12876-1

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