

Product data sheet

## CORIO C Heating immersion circulator

The new generation of laboratory circulators



### Product Features

- ✓ Precise temperature control
- ✓ For internal standard applications
- ✓ For bath tanks with a max. filling volume of 30 liters
- ✓ Bright, white, easy to read display
- ✓ Easy operation
- ✓ Class I (NFL) according to DIN 12876-1

### Performance values

115V/60Hz (Nema N5-15 Plug)	
Heating capacity kW	1
Viscosity max. cSt	1
Circulation capacity flow rate l/min	6
Circulation capacity pressure bar	0.1
Power consumption A	10
Voltage Tolerance %	115V   ±10

### Technical data

Available voltage versions	
Order No.	9011000
Available voltage versions:	
9011000.04	230V 50/60Hz (UK Plug Type BS1363A)
9011000.05	230V 50/60Hz (CH Plug Type SEV 1011)
9011000.33	230V 50/60Hz (Schuko Plug - CEE 7/4 Plug Type F)
9011000.33.chn	230V 50/60Hz (CN Plug)
9011000.22	100-115V 50/60Hz (Nema N5-15 Plug)

## Cooling

Cooling coil

accessory

## Electronics

Temperature control

PID1

Absolute temperature calibration

1 Point Calibration

Temperature display

LED

Temperature setting

Keypad

## Dimensions and volumes

Weight kg

1.9

Minimum filling height below the upper edge of the bath tank cm

4.5

Minimum depth of bath vessel cm

15

Total dimensions cm (W × L × H)

13.2 x 16 x 36.2

## Temperature values

Setting the resolution of the temperature display °C

0.1

Working temperature range °C <sup>1</sup>

+20 ... +100

Temperature stability °C

±0.03

Ambient temperature °C

+5 ... +40

Temperature display resolution °C

0.01 ... 0.1

<sup>1</sup> For applications near or below ambient temperature: use a cooling coil or JULABO immersion cooler.

## Other

Classification

Classification I (NFL)

IP Code

IP 21

Pump type

Immersion Pump

## All Benefits



### Brilliant.

Very bright display makes it easy to read even from a distance.



### Connection. Easy.

Inclined pump connections (M16×1) facilitate the connection of applications. Each unit includes 2 barbed fittings of 8/12 mm diameter each.



### Everything at the front.

All operating controls and safety functions are accessed easily and comfortably from the front.



## Exact.

You can rely on it. PID1 control and 'Active Cooling Control' make the new CORIO precise and perfect.



## Locked in.

The lockable power plug guarantees safe connection. More process safety.



## Switch on. And off you go.

Intelligent operating concept. Ready for operation with just a few quick and easy steps.



## Early warning system for low liquid level

Maximum safety for applications, optical and audible alarm, allows user to refill bath fluid before the unit shuts down



## Timer. Integrated.

CORIO circulators include an integrated timer function. When the set time has elapsed, a signal sounds and the device switches off. Setting range: 0 ... 999 minutes.



## 100% Checked.

100% testing. 100% quality. Each JULABO Circulator undergoes thorough quality testing before leaving the factory.



## Green technology.

Development consistently applied environmentally friendly materials and technologies.



## Internal. External.

The pump is controlled via a lever located directly below the display. Easily change between internal and external circulation.



## JULABO. Quality.

Highest standards of quality for a long product life.



## Modern. Reliable.

High-grade components in every JULABO Circulator – platinum sensors, proven motor technology, CAN-Bus communication and much more.



## Satisfied customers.

11 subsidiaries and more than 100 partners worldwide guarantee fast and qualified JULABO support.



## Services 24/7.

Around the clock availability. You can find suitable accessories, data sheets, manuals, case studies, and more at [www.julabo.com](http://www.julabo.com).



## Quick start.

Individual JULABO consultation and comprehensive manuals at your disposal.