

CORIO CD Heating immersion circulator

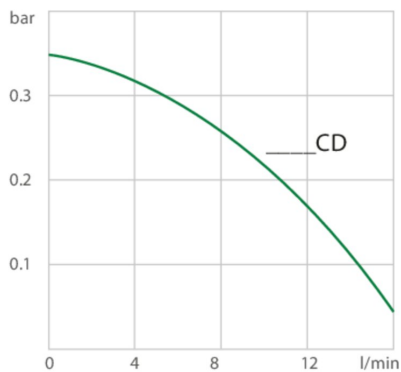
In addition to the advantages of the CORIO C circulator, the CORIO CD immersion circulator can be equipped with an optional pump set for temperature control of external applications.

Product features

- Precise temperature control
- For internal and external applications (accessories required)
- For bath tanks with a max. filling volume of 50 liters
- Bright, white, easy to read display
- Very quiet
- Easy operation
- USB connection
- Class III (FL) according to DIN 12876-1
- powerful and infinitely adjustable pressure pump



Pump capacity



Medium: Water

Performance values

230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)

Heating capacity kW	2
Viscosity max. cSt	50
Pump capacity flow rate l/min	15
Pump capacity flow pressure bar	0.35
Power consumption A	10

Technical data

Available voltage versions

Order No. 9 012 000

Available voltage versions:

9012000.01 100V/50-60Hz (Nema N5-15 Plug)

Cooling

Cooling coil accessory

9012000.02	115V/60Hz (Nema N5-15 Plug)
9012000.03	230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)
9012000.03.chn	230V/50Hz (CN Plug)
9012000.04	230V/50Hz (UK Plug Type BS1363A)
9012000.05	230V/50Hz (CH Plug Type SEV 1011)
9012000.13	230V/60Hz (Nema N5-15 Plug)

Other	
Classification	Classification III (FL)
IP Code	IP 21
Pump function	Pressure Pump
Pump type	Immersion Pump

Electronics	
Interfaces	USB
Temperature control	PID1
Absolute temperature calibration	1 Point Calibration
Temperature display	LED
Temperature setting	Keypad

Dimensions and volumes	
Weight kg	2.6
Minimum filling height below the upper edge of the bath tank cm	4.5
Minimum depth of bath vessel cm	15
Dimensions cm (W x L x H)	13.2 x 16 x 36.6

Temperature values	
Setting the resolution of the temperature display °C	0.1
Working temperature range °C	+20 ... +150
Temperature stability °C	±0.03
Ambient temperature °C ¹	+5 ... +40
Setting the resolution of the temperature display °C	0.01 ... 0.1

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

All Benefits



Brilliant.

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



Switch on. And off you go.

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



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.



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.



Connection. Easy.

Inclined pump connections (M16x1) facilitate the connection of applications. Each unit includes 2 barbed fittings of 8/12 mm diameter each.



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



Connectivity.
Remote control made easy. CORIO CD circulators feature a USB connection.



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



ATC.
Absolute Temperature Calibration, 1-point calibration (CD).



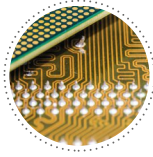
Green technology.
Development consistently applied environmentally friendly materials and technologies.



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.



Quick start.
Individual JULABO consultation and comprehensive manuals at your disposal.



Quick support
If an error occurs, the integrated Black-Box function permits fast diagnosis by the JULABO service team