

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.

Your advantages

- 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
- Easy operation
- Easy pump change-over between internal and external circulation
- USB connection
- Class III (FL) according to DIN 12876-1



Technical data

Available voltage versions		Cooling	
Order No.	9 012 000	Cooling coil	accessory
Available voltage versions:			
9 012 000.01	100V/50-60Hz (Nema N5-15 Plug)		
9 012 000.02	115V/60Hz (Nema N5-15 Plug)		
9 012 000.03	230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)		
9 012 000.03.chn	230V/50Hz (CN Plug)		
9 012 000.04	230V/50Hz (UK Plug Type BS1363A)		
9 012 000.05	230V/50Hz (CH Plug Type SEV 1011)		
9 012 000.13	230V/60Hz (Schuko Plug - CEE 7/4 Plug Type F)		
Other		Electronics	
Classification	Classification III (FL)	Temperature control	PID1
IP Code	IP 21	Absolute temperature calibration	1 Point Calibration
Pump function	Pressure Pump	Temperature display	LED
Pump type	Immersion Pump	Temperature setting	Keypad
Dimensions and volumes		Temperature values	
Usable immersion depth cm	16.6	Setting the resolution of the temperature display °C	0.1
Weight kg	2.6	Temperature display resolution °C	0.01 ... 0.1
Dimensions cm (W x L x H)	13.2 x 16 x 36.6		

Performance values

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

100V/50Hz	100V/60Hz
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Heating capacity kW	0.8	Heating capacity kW	0.8
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	15	Pump capacity flow rate l/min	16
Pump capacity flow pressure bar	0.27	Pump capacity flow pressure bar	0.35

115V/60Hz (Nema N5-15 Plug)

115V/60Hz	
Heating capacity kW	1
Viscosity max. cST	50
Pump capacity flow rate l/min	16
Pump capacity flow pressure bar	0.33

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

230V/50Hz	
Heating capacity kW	2
Viscosity max. cST	50
Pump capacity flow rate l/min	15
Pump capacity flow pressure bar	0.35

230V/50Hz (CN Plug)

230V/50Hz	
Heating capacity kW	2
Viscosity max. cST	50
Pump capacity flow rate l/min	15
Pump capacity flow pressure bar	0.35

230V/50Hz (UK Plug Type BS1363A)

230V/50Hz	
Heating capacity kW	2
Viscosity max. cST	50
Pump capacity flow rate l/min	15
Pump capacity flow pressure bar	0.35

230V/50Hz (CH Plug Type SEV 1011)

230V/50Hz	
Heating capacity kW	2
Viscosity max. cST	50
Pump capacity flow rate l/min	15
Pump capacity flow pressure bar	0.35

230V/60Hz (Schuko Plug - CEE 7/4 Plug Type F)

230V/60Hz	
Heating capacity kW	2
Viscosity max. cST	50

Pump capacity flow rate l/min	17
Pump capacity flow pressure bar	0.43

Benefits



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).



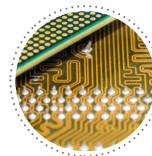
Green technology.
Development consistently applied environmentally friendly materials and technologies.



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.



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.



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



Connection. Easy.
Inclined pump connections (M16x1) 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



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

