

CORIO CP Heating immersion circulator

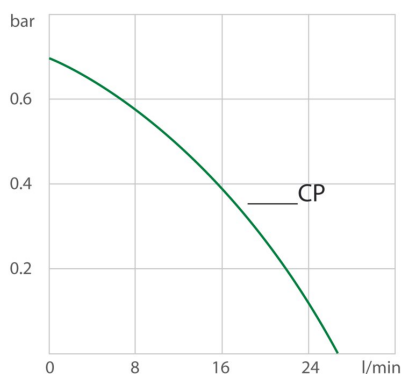
In addition to the advantages of the CORIO C circulator, the CORIO CD and CP immersion circulator can be equipped with an optional pump set for temperature control of external applications.

Product features

- Precise temperature control
- For internal and external applications
- For bath tanks with a max. filling volume of 50 liters
- Immersion depth: 7.5 ... 16.5 cm
- Bright, white, easy to read display
- Very quiet
- powerful and infinitely adjustable pressure pump
- USB connection
- RS232 interface for online communication
- Unique early warning system for low liquid level
- Class III (FL) according to DIN 12876-1
- Easy operation



Pump capacity



Medium: Water

Performance values

230V/50Hz ()	
Heating capacity kW	2
Viscosity max. cSt	50
Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure bar	0.1 ... 0.7
Power consumption A	10

Technical data

Available voltage versions

Cooling

Order No.	9 013 000	Cooling coil	accessory
Available voltage versions:			
9013000.04	200-230V/50-60Hz (UK Plug Type BS1363A)		
9013000.05	200-230V/50-60Hz (CH Plug Type SEV 1011)		
9013000.22	100-115V/50-60Hz (Nema N5-15 Plug)		
9013000.33	200-230V/50-60Hz ()		
9013000.33.chn	200-230V/50-60Hz ()		

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

Electronics	
Interfaces	RS232, USB
Temperature control	PID1
Absolute temperature calibration	3 Point Calibration
Temperature display	LED
Temperature setting	Keypad
Electronic Timer h:min	0 ... 999

Dimensions and volumes	
Weight kg	2.5
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 36.2

Temperature values	
Setting the resolution of the temperature display °C	0.1
Working temperature range °C	+20 ... +200
Temperature stability °C	±0.02
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 (M16×1) facilitate the connection of applications. Each unit includes 2 barbed fittings of 8/12 mm diameter each.



Powerful. Adjustable.
Strong pressure pump, continuously adjustable.



Early warning system for low liquid level.
Maximum safety for your application. Optical and audible alarm allows user to refill bath fluid in time.



Connectivity.
Remote control made easy. CORIO CP circulators feature a USB connection and RS232 interface.



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



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.



JULABO. Quality.
Highest standards of quality for a long product life.



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



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.



Highest measuring accuracy
'Absolute Temperature Calibration' for manual compensation of a temperature difference, 3-point calibration



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