

## CORIO CP-BC12 Heating 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

- Models for internal and external applications
- Bright, white, easy to read display
- Very quiet
- Easy switching between internal and external circulation
- Powerful and infinitely adjustable pressure pump
- USB connection
- RS232 interface for online communication
- High-quality bath tanks made of stainless steel with bath lid and drain tap
- Integrated pump connection M16×1
- Unique early warning system for low liquid level
- Integrated cooling coil for counter-cooling
- Precise temperature control
- Easy pump change-over between internal and external circulation



### Performance values

115V/60Hz (Nema N5-15 Plug)	
Heating capacity kW	1
Viscosity max. cST	50
Pump capacity flow rate l/min	8 ... 27
Pump capacity flow pressure psi	1.5 ... 10.2
Power A	10

### Technical data

Available voltage versions		Bath	
Order No.	9 013 512	Bath tank	Stainless steel
Available voltage versions:		Bath cover	integrated
9013512.33	200-230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F)	Usable bath opening in. (W x L / D)	8.7 x 5.9 / 7.9
9013512.33.chn	200-230V/50-60Hz (CN Plug)		
9013512.04	200-230V/50-60Hz (UK Plug Type BS1363A)		
9013512.05	200-230V/50-60Hz (CH Plug Type SEV 1011)		
9013512.22	100-115V/50-60Hz (Nema N5-15 Plug)		
Other		Electronics	

Classification	Classification III (FL)	Digital interface	RS232, USB
Pump function	Pressure Pump	Temperature control	PID1
Pump type	Immersion Pump	Absolute temperature calibration	3 Point Calibration
		Temperature display	Temperature display LED
		Temperature setting	Temperature setting Keypad
		Electronic Timer hr:min	0 ... 999

Dimensions and volumes	
Weight lbs	26.5
Barbed fittings inner diameter	8/12 mm
Dimensions in. (W x L x H)	13 x 19.3 x 18.5
Filling volume l	8.5 ... 12
Pump connections	M16x1 male

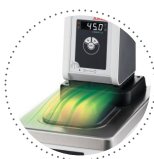
Temperature values	
Working temperature range °C	+20 ... +200
Temperature stability °C	±0.02
Ambient temperature °C	+5 ... +40
Temperature display resolution °C	0.01 ... 0.1

### Included in delivery

2 Barbed fittings for tubing 8 and 12 mm ID. (Pump connections M16x1 male)

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

### All Benefits



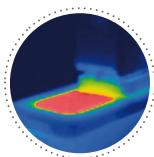
**Condensation protection.**  
Superb design solution. Integrated ventilation directs air over the bath lid and minimizes condensation.



**Handle with ease.**  
Makes day-to-day work easy. Comfortably move your CORIO around by using the ergonomic handles (front and rear).



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



**Solid.**  
Minimized energy loss through high-quality insulation.



**Stable.**  
Rubber feet allow for a secured footing of your CORIO to prevent damage to your laboratory equipment.



**Tidy.**  
The special drain tap for easy draining of bath fluids without tools.



**Touching permitted.**  
Optimum safety. The ergonomic plastic handle protects your fingers from hot surfaces.



**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.us](http://www.julabo.us).



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



**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.



**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.



**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.