CORIO CP-BC4 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	
Order No.	9 013 504
Available voltage versions:	
9013504.33	200-230V/50-60Hz (Schuko Plug - CEE 7/4 Plug Type F)
9013504.33.chn	200-230V/50-60Hz (CN Plug)
9013504.04	200-230V/50-60Hz (UK Plug Type BS1363A)
9013504.05	200-230V/50-60Hz (CH Plug Type SEV 1011)
9013504.22	100-115V/50-60Hz (Nema N5-15 Plug)

Bath	
Bath tank	Stainless steel
Bath cover	integrated
Usable bath opening in. (W x L / D)	5.1 x 5.9 / 5.9

Other

Electronics

Classification	Classification III (FL)
Pump function	Pressure Pump
Pump type	Immersion Pump

Digital interface	RS232, USB
Temperature control	PID1
Absolute temperature calibration	3 Point Calibration
Temperature displayTemperature display	LED
Temperature settingTemperature setting	Keypad
Electronic Timer hr:min	0 ... 999

Dimensions and volumes

Weight lbs	18.7
Barbed fittings inner diameter	8/12 mm
Dimensions in. (W × L × H)	9.1 x 16.1 x 16.5
Filling volume l	3 ... 4.5
Pump connections	M16x1 male

Temperature values

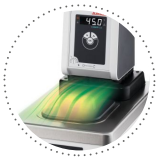
Working temperature range °C	+20 ... +200
Temperature stability °C	±0.02
Ambient temperature °C	+5 ... +40
Temperature display resolution °C	0.01 ... 0.1

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



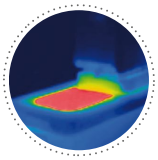
Condensation protection.
Superb design solution. Integrated ventilation directs air over the bath lid and minimizes condensation.



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.



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.

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

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