

## CORIO CD-BC4 Heating Circulator

The new generation of laboratory circulators for routine work and standard tasks

CORIO™ heating circulators feature professional technology for high standards. These units facilitate internal temperature control in the bath tank or control of externally connected applications.

### Your advantages

- Models for internal and external applications
- Bright, white, easy to read display
- Very quiet
- Easy pump change-over between internal and external circulation
- USB connection
- High-quality bath tanks made of stainless steel with bath lid and drain tap
- Integrated cooling coil for counter-cooling



### Technical Data

Order No.	9012504
Model series	CORIO
Category	Heating Circulators
Working temperature range (°C)	+20 ... +150
Temperature stability (°C)	±0.03
Setting / display resolution	0.1 °C
Temperature Display	LED
Heating capacity (kW)	1
Pump capacity flow rate (l/min)	15
Pump capacity flow pressure (psi)	5.08
Bath opening / bath depth (W x L / D inch)	5.1 x 5.9 / 5.9
Pump connections	M16x1
Barbed fittings diameter (inner dia. / mm)	8 / 12
Filling volume liters	3 ... 4.5
Ambient temperature	5...40 °C
Dimensions W x L x H (inch)	9.1 x 16.2 x 16.6
Weight (LBS)	19.4
Included with each unit	2 barbed fittings suitable for tubing 8 and 12 mm inner dia. (pump connections M16x1 male)
Cooling coil	integrated
Bath tank	Stainless steel
Bath cover	integrated
Available voltage versions	230 V / 50 Hz 208 V - 230 V / 60 Hz 115 V / 60 Hz

100 V / 50-60 Hz

## Characteristics



**100% Checked.**  
100% testing. 100% quality. Each CORIO™ undergoes thorough quality testing before leaving the factory.



**No sweat.**  
CORIO™ works robust and reliable – even at ambient temperatures of up to +40 °C.



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



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



**Brilliant.**  
Bright display with strong illumination can be viewed easily from a long distance.



**Safety.**  
CORIO™ CD complies with Class III (FL) according to DIN 12876-1 and switches off automatically in case of high temperature or low liquid level alarm.



**Cleaning. Easy.**  
Not only do the new units look good. The functional design makes cleaning a breeze.



**Satisfied customers.**  
11 subsidiaries and more than 100 partners worldwide guarantee fast and qualified JULABO support.



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



**Services 24/7.**  
Around the clock availability. You can find suitable accessories, data sheets, manuals, case studies, and more at [www.julabo.com](http://www.julabo.com).



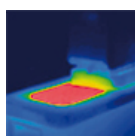
**Everything at the front.**  
All operating controls and safety functions are accessed easily and comfortably from the front.



**Soft. Quiet.**  
CORIO™ circulators are cushion mounted. Protects the electronics. Reduces operating noise and vibration.



**Flexibility.**  
The jet nozzle permits continuous adjustment of the pump stream in your bath.



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



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



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



**Handle with ease.**

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



**Switch on. And off you go.**

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



**Internal. External.**

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



**Tidy.**

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



**JULABO. Quality.**

Highest standards of quality for a long product life.



**Touching permitted.**

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



**Locked in.**

The lockable power plug guarantees safe connection. More process safety.



**Unique.**

Specially designed pyramids ensure that the condensed liquid drips directly back into the bath.



**Modern. Reliable.**

High-grade components in every CORIO™ – platinum sensors, proven motor technology, CAN-Bus communication and much more.



**USB.**

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