

CORIO CP-BC12 Heating Circulator

for internal and external temperature applications with stainless steel baths and working temperatures up to +200 °C

CORIO Heating Circulators feature professional technology for demanding applications. These units facilitate internal temperature control in the bath tank or control of externally connected applications.

Your advantages

- Bright, white, easy-to-read display
- Very quiet
- Easy change-over from internal to external circulation and vice versa
- Strong pump capacity, infinitely adjustable
- USB connection
- R232 interface
- High-quality bath tanks made of stainless steel with bath lid and drain tap
- Integrated pump connection M16x1
- Early warning system for low liquid level
- Integrated cooling coil for counter-cooling



Made in Germany

Technical Data

Order No.	9013512
Model series	CORIO
Category	Heating Circulators
Working temperature range (°C)	+20 ... +200
Temperature stability (°C)	±0.02
Setting / display resolution	0.01 – 0.1 °C
Temperature Display	LED
Heating capacity (kW)	1
Pump capacity flow rate (l/min)	8 ... 27
Pump capacity flow pressure (psi)	1.5 ... 10.2
Bath opening / bath depth (W x L / D inch)	8.7 x 5.9 / 7.9
Pump connections	M16x1
Barbed fittings diameter (inner dia. / mm)	8 / 12
Filling volume liters	8.5 ... 12
Ambient temperature	5...40 °C
Dimensions W x L x H (inch)	29.9 x 52
Weight (LBS)	13 x 19.3 x 18.5
Included with each unit	2 each barbed fitting 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	200 - 230 V / 50 - 60 Hz 100 - 115V / 50 - 60 Hz

Built-in cooling coil for tap water connection for temperature applications below or near ambient temperatures are integrated.

Characteristics



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



Powerful. Adjustable.
Strong pressure pump, continuously adjustable.



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



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



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



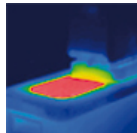
Connectivity.
Remote control made easy. CORIO CP circulators feature a USB connection and RS232 interface.



Services 24/7.
Around the clock availability. You can find suitable accessories, data sheets, manuals, case studies, and more at www.julabo.com.



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



Solid.
Minimized energy loss through high-quality insulation.



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



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



Green technology.

Development consistently applied environmentally friendly materials and technologies.



Switch on. And off you go.

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



Handle with ease.

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



Tidy.

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



Internal. External.

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



Touching permitted.

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



JULABO. Quality.

Highest standards of quality for a long product life.



Unique.

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



Locked in.

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



USB.

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