

## CORIO CD-BT19 with transparent bath tanks Heating Circulator with Open Bath and transparent bath tanks

The Open Heating Bath Circulators of the new CORIO series feature high-quality transparent bath tanks and pump connections.

### Your advantages

- Models for internal applications
- Bright, white, easy to read display
- Very quiet
- USB connection
- Class III (FL) according to DIN 12876-1



### Technical data

Available voltage versions		Bath	
Order No.	9 012 319	Bath tank	Polycarbonat
Available voltage versions:		Bath cover	accessory
9 012 319.01	100V/50-60Hz (Nema N5-15 Plug)	Usable bath opening cm (W x L / D)	30 x 35 / 15
9 012 319.02	115V/60Hz (Nema N5-15 Plug)		
9 012 319.03	230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)		
9 012 319.03.chn	230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)		
9 012 319.04	230V/50Hz (UK Plug Type BS1363A)		
9 012 319.05	230V/50Hz (CH Plug Type SEV 1011)		
9 012 319.13	230V/60Hz (Schuko Plug - CEE 7/4 Plug Type F)		
Cooling		Other	
Cooling coil	accessory	Classification	Classification III (FL)
		IP Code	IP 21
		Pump function	Pressure Pump
		Pump type	Immersion Pump
Electronics		Dimensions and volumes	
Temperature control	PID1	Weight kg	8
Absolute temperature calibration	1 Point Calibration	Barbed fittings inner diameter	8/12 mm
Temperature display	LED	Dimensions cm (W x L x H)	38 x 58 x 38
Temperature setting	Keypad	Filling volume l	14 ... 19
		Pump connections	M16x1 male
Temperature values			
Setting the resolution of the temperature display °C	0.1		

Temperature display resolution °C	0.01 ... 0.1
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**Performance values**

100V/50-60Hz (Nema N5-15 Plug)

100V/50Hz		100V/60Hz	
Heating capacity kW	0.8	Heating capacity kW	0.8
Viscosity max. cST	50	Viscosity max. cST	50
Pump capacity flow rate l/min	15	Pump capacity flow rate l/min	16
Pump capacity flow pressure bar	0.27	Pump capacity flow pressure bar	0.35

115V/60Hz (Nema N5-15 Plug)

115V/60Hz	
Heating capacity kW	1
Viscosity max. cST	50
Pump capacity flow rate l/min	16
Pump capacity flow pressure bar	0.33

230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)

230V/50Hz	
Heating capacity kW	2
Viscosity max. cST	50
Pump capacity flow rate l/min	15
Pump capacity flow pressure bar	0.35

230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)

230V/50Hz	
Heating capacity kW	2
Viscosity max. cST	50
Pump capacity flow rate l/min	15
Pump capacity flow pressure bar	0.35

230V/50Hz (UK Plug Type BS1363A)

230V/50Hz	
Heating capacity kW	2
Viscosity max. cST	50
Pump capacity flow rate l/min	15
Pump capacity flow pressure bar	0.35

230V/50Hz (CH Plug Type SEV 1011)

230V/50Hz	
Heating capacity kW	2
Viscosity max. cST	50

Pump capacity flow rate l/min	15
Pump capacity flow pressure bar	0.35

230V/60Hz (Schuko Plug - CEE 7/4 Plug Type F)

230V/60Hz	
Heating capacity kW	2
Viscosity max. cST	50
Pump capacity flow rate l/min	17
Pump capacity flow pressure bar	0.43

### Benefits



**100% Checked.**  
100% testing. 100% quality. Each JULABO Circulator undergoes thorough quality testing before leaving the factory.



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



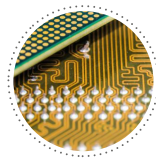
**Green technology.**  
Development consistently applied environmentally friendly materials and technologies.



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



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



**Modern. Reliable.**  
High-grade components in every JULABO Circulator – platinum sensors, proven motor technology, CAN-Bus communication and much more.



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



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



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



**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.



**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.



**Early warning system for low liquid level**  
Maximum safety for applications, optical and audible alarm, allows user to refill bath fluid before the unit shuts down



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