

Термостаты охлаждающие CARL ROTH

Технические характеристики

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Киргизия (996)312-96-26-47



Cooling thermostats



Refrigerating circulating thermostat

Thermo.

For temperature control in baths or for open and closed external circuits.

- Simultaneous display of target and actual temperature
- Display resolution 0.1 or 0.01 °C can be selected
- Stainless steel bath
- Thermostat heads can be turned to any position in 90° increments on the bath
- Draincock (on the front)
- With integrated handles
- Hose connectors for hoses with 8 and 12 mm inside Ø
- I (NFL) = non-flammable liquids
- III (FL) = flammable liquids

Technical specifications:

Art. No.	PC14.1	PC15.1
Type	SC 100-A10	SC 150-A25
Cooling capacity	20 °C: 240 W	20 °C: 500 W
Bath volume	6 l	12 l
Operating temperature	-10 to +100 °C	-25 to +150 °C
Temperature constancy	±0,02 K	
Display resolution	0,1/0,01 °C	
Heating output	2000 W	
Max. pump pressure	300 mbar	
Max. flow	17 l/min	
Bath opening	137 x 124 mm	173 x 183 mm
Inner depth	150 mm	200 mm
Safety class	I (NFL)	III (NFL)

Delivery incl. bath cover and circulation set for circulation.

Type	Art. No.	Pack Qty.	
SC 100-A10	PC14.1	1 unit(s)	
SC 150-A25	PC15.1	1 unit(s)	



Refrigerating circulating thermostat CORIO™ CD-F series

Julabo.

For temperature control of samples in baths or for enclosed external instruments such as refractometers, polarimeters, photometers, viscosimeters, electrophoresis chambers, chromatography columns and rotary evaporators.

- External pump connections each with 2 hose connectors for hoses with inside Ø of 8 and 12 mm
- With draincock
- Handles (front and back) for easy transportation
- USB port
- III (FL) = flammable liquids

Technical specifications:

Art. No.	CYA5.1	CYA6.1	HHK5.1
Type	CORIO™ CD-200F	CORIO™ CD-600F	CORIO™ CD-300F
Operating temperature	-20 to +150 °C	-35 to +150 °C	-25 to +150 °C
Temperature constancy	±0,03 K		
Display resolution	0,1 °C		
Setting resolution	0.1 °C		
Heating output	2000 W		
Cooling capacity	20 °C: 220 W 0 °C: 170 W -20 °C: 60 W	20 °C: 600 W 0 °C: 530 W -20 °C: 220 W	20 °C: 310 W 0 °C: 280 W -20 °C: 110 W
Max. pump pressure	350 mbar		
Max. flow	15 l/min		
Bath volume	3–4 l	5–7,5 l	3–4 l
Bath opening	130 x 150 mm	220 x 150 mm	130 x 150 mm
Inner depth	150 mm		
Outer width	230 mm	330 mm	240 mm
Outer depth	390 mm	470 mm	420 mm
Outer height	650 mm	690 mm	660 mm
Safety class	III (FL)		
Mains connection	230 V, 50 Hz		

Delivery incl. bath cover.

Pic.	Type	Art. No.	Pack Qty.	
(1)	CORIO™ CD-200F	CYA5.1	1 unit(s)	
	CORIO™ CD-600F	CYA6.1	1 unit(s)	
(2)	CORIO™ CD-300F	HHK5.1	1 unit(s)	

Cooling thermostats



Cooling circulation thermostat Alpha RA series

Lauda.

For controlling temperature of external, closed electric loads. Simultaneous internal temperature control possible.

- 3-key operation
- LCD display, display resolution 0.1 °C
- Actual or set value
- With timer function (max. runtime 99 h, 59 min)
- Control lamp for heating, cooling and breakdown.
- Front panel can be removed to clean the condenser
- With drain outlet on the back to empty tempering liquid
- Bath tubs made of stainless steel
- I (NFL) = non-flammable liquids

Technical specifications:

Art. No.	KP41.1	KP42.1	KP43.1
Cooling capacity	20 °C: 225 W	20 °C: 325 W	20 °C: 425 W
Bath volume	5–7,5 l	9,5–14,5 l	14–22 l
Type	Alpha RA 8	Alpha RA 12	Alpha RA 24
Operating temperature	-25 to +100 °C		
Temperature constancy	±0,05 K		
Display resolution	0,1 °C		
Heating output	1500 W		
Max. pump pressure	200 mbar		
Max. flow	15 l/min		
Bath opening	165 x 190 mm	300 x 190 mm	350 x 290 mm
Inner depth	160 mm		
Safety class	I (NFL)		

Delivery incl. bath cover and pump circulation set.

Type	Art. No.	Pack Qty.	
Alpha RA 8	KP41.1	1 unit(s)	
Alpha RA 12	KP42.1	1 unit(s)	
Alpha RA 24	KP43.1	1 unit(s)	



Cooling circulation thermostat RE series

Lauda.

For temperature control of external consumers. Simultaneous internal temperature control. Small external dimensions.

- Operation by means of cursor keys and softkeys
- Simultaneous display of set and actual temperature
- USB port
- Hose connectors for hoses with 10 mm inside Ø
- III (FL) = flammable liquids

Technical specifications:

Art. No.	LX92.1	LX93.1
Type	RE 415 S	RE 415 G
Operating temperature	-15 to +200 °C	
Temperature constancy	±0,02 K	
Display resolution	0,01 °C	
Setting resolution	0,01 °C	
Heating output	2000 W	2600 W
Cooling capacity	20 °C: 180 W	
Max. pump pressure	550 mbar	
Max. flow	22 l/min	
Bath volume	4 l	
Bath opening	130 x 105 mm	
Inner depth	160 mm	
Safety class	III (FL)	

Delivery incl. thermostat with drain cock, recessed grip and bath lid.

Model: RE 415 S

- LCD display with 0.01 °C display resolution

Pic.	Type	Art. No.	Pack Qty.	
(1)	RE 415 S	LX92.1	1 unit(s)	

Model: RE 415 G

- Colour TFT display with 0.01 °C display resolution
- Graphical display of temperature characteristics
- Ramp function
- Timer

Pic.	Type	Art. No.	Pack Qty.	
(2)	RE 415 G	LX93.1	1 unit(s)	



Cooling thermostats



Refrigerating circulating thermostat CP-200F

Julabo.

Temperature control either in the internal bath or in a connected external application such as a photometer, refractometer, viscometer and others.

- Simple changeover between internal and external circulation
- LED temperature display
- Setting/display resolution 0.01 °C (to 99.99 °C), 0.1 °C (from 100 °C)
- Early warning system for low liquid level
- Continuously adjustable pressure pump
- With USB and RS-232 port
- With timer (range: 0 to 999 min)
- Protection against excess temperature and low liquid level for flammable liquids (FL), safety class III

Technical specifications:

Art. No.	KKH3.1
Type	CP-200F
Operating temperature	-20 to +200 °C
Temperature constancy	±0,03 K
Heating output	2000 W
Cooling capacity	20 °C: 200 W 10 °C: 170 W 0 °C: 150 W -10 °C: 100 W -20 °C: 20 W
Max. pump pressure	700 mbar
Max. flow	8–27 l/min
Bath volume	3–4 l
Bath opening	130 x 150 mm
Inner depth	150 mm
Outer width	230 mm
Outer depth	390 mm
Outer height	650 mm
Mains connection	230 V, 50/60 Hz

Delivery incl. stainless steel bath with lid, draining tap and hose connectors suitable for hoses with ID 8 and 12 mm.

Type	Art. No.	Pack Qty.
CP-200F	KKH3.1	1 unit(s)



①

Cold circulation thermostat AC series

Thermo.

For temperature control in bath or for open and closed external circuits.

- Simultaneous display of set and actual temperature
- Display resolution 0.1 or 0.01 °C can be selected
- Stainless steel bath
- Thermostat heads can be turned invariably in 90° steps on the bath
- Drain cock (on the front)
- With integrated handles
- Connectors for tubes with 8 and 12 mm inner-Ø
- III (FL) = flammable liquids

Technical specifications:

Art. No.	LP68.1	LP69.1
Type	AC 150-A10B	AC 150-A25B
Operating temperature	-10 to +100 °C	-25 to +150 °C
Temperature constancy	±0,01 K	
Display resolution	0,1/0,01 °C	
Heating output	2000 W	
Cooling capacity	20 °C: 250 W	20 °C: 500 W
Max. pump pressure	475 mbar	
Max. flow	20 l/min	
Max. pump suction	330 mbar	
Bath volume	18–30 l	13–20 l
Bath opening	295 x 375 mm	220 x 243 mm
Inner depth	200 mm	230 mm
Safety class	III (FL)	

Delivery incl. circulation set for external circulation. Not including bath cover. If required, please order separately.

Pic.	Type	Art. No.	Pack Qty.
(1)	AC 150-A10B	LP68.1	1 unit(s)
	AC 150-A25B	LP69.1	1 unit(s)

Accessories bath cover for AC 150-A10B refrigerating circulating thermostat

Thermo.

Designation	Art. No.	Pack Qty.
Bath cover for AC 150-A10B	LP71.1	1 unit(s)

Cooling thermostats



Refrigerated circulation thermostat VersaCool 7

Thermo.

For heating and cooling. For external closed-circuit temperature control tasks or direct use in circulating baths.

- Languages: German, English, French and four others
- Intuitively operated colour touchscreen (screen size 14.4 cm)
- Electronically adjustable pump output levels (40 to 100 %)
- Graphical display of temperature profile
- Programmable with 30 program steps for up to 10 different programs (max. process time per program step 999 h, max. 10 repetitions per step)
- Integrated data logger incl. 4 GB SD card
- USB port for reading out the data logger and storing ramp profiles. Ramp profiles can be used for various baths by using the download and upload functions of the USB flash drive
- Overtemperature protection
- RS 232, RS 485 and Micro USB port
- Bluetooth communication port - for remote control and monitoring via iOS or Android smartphone
- Timer function
- Pt 100 external sensor connection for measurement and control in external system. Please order temperature sensor Pt 100 separately
- III (FL) = flammable liquids

Technical specifications:

Art. No.	CAY7.1
Type	VersaCool 7
Operating temperature	-20 to +150 °C
Temperature constancy	±0,02 K
Heating output	2000 W
Cooling capacity	20 °C: 425 W 0 °C: 200 W -10 °C: 100 W -20 °C: 50 W
Max. pump pressure	1,200 mbar
Max. flow	14.6 l/min
Bath volume	7 l
Bath opening	173 x 297 mm
Inner depth	150 mm
Outer width	258 mm
Outer depth	585 mm
Outer height	474 mm
Safety class	III (FL)
Weight	36 kg
Mains connection	200–240 / 100–120 V, 50/60 Hz

Delivery incl. bath cover (this can be attached on the right or left side or can lie loose), 2 hose olives for hoses with 8 and 12 mm inner-Ø and 4 GB SSD card.

Type	Art. No.	Pack Qty.
VersaCool 7	CAY7.1	1 unit(s)



Water bath

Phoenix Instrument.

- Stainless steel inner tank
- LCD display for displaying setpoint/actual temperature values
- Integrated digital clock (1 min to 99 h, 59 mins or continuous)
- Overheating protection
- Heater exposed on floor

Technical specifications:

Art. No.	EEA3.1	EEA4.1	EEA5.1
Type	WB-12	WB-22	WB-22-P
Bath volume	12 l	22 l	
Inner length	290 mm	470 mm	
Inner width	230 mm	290 mm	
Inner height	150 mm		
Outer length	480 mm	680 mm	
Outer width	310 mm	365 mm	
Outer height	375 mm	395 mm	
Temperature constancy	±0,5 K		±0,2 K
Heating output	900 W	1100 W	
Max. loading of	4 test tube racks	8 test tube racks	
Weight	12 kg	18 kg	19 kg
Mains connection	230 V, 50 Hz		

Delivery incl. removable bottom and stainless steel cover.

WB series standard model

Operating temperature range from 5 °C above room temperature to 99 °C (temperature adjustment range from 10 to 99 °C).

Type	Bath volume (l)	Art. No.	Pack Qty.
WB-12	12	EEA3.1	1 unit(s)
WB-22	22	EEA4.1	1 unit(s)

WB-22-P model with pump

Operating temperature range from 5 °C above room temperature to 85 °C (temperature adjustment range from 10 to 85 °C).

With built-in circulation pump for faster and more even heat distribution within the bath.

Type	Bath volume (l)	Art. No.	Pack Qty.
WB-22-P	22	EEA5.1	1 unit(s)

Accessories test tube racks for WB series water baths

Phoenix Instrument.

Suitable for	Art. No.	Pack Qty.
20 test tubes Ø 13 mm	EEA6.1	1 unit(s)
20 test tubes Ø 18 mm	EEA7.1	1 unit(s)
5 test tubes Ø 31 mm	EEA8.1	1 unit(s)

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