

Regardless of what leaves laboratory staff hot or cold, precise and constant temperature regulation is a basic prerequisite for successful applications in day-to-day laboratory practice. IKA strives to make your work with circulation and immersion thermostats or bridge and heating bath thermostats as pleasant and successful as possible. Our broad range of DIN 12876-compliant devices is designed for temperatures from -30 to 250 °C and meets the highest requirements of precision, safety, output and intelligence.

RECIRCULATING CHILLER RC 2 GREEN

/// Plant 163 trees or choose the RC 2 GREEN

Brilliant energy-efficiency, CO₂ savings from the very first hour of operation and a reduction in operating costs: The new RC 2 GREEN recirculating chiller combines a natural coolant with tried and tested demand-controlled compressor technology.

ENVIRONMENTALLY-FRIENDLY COOLANT

The coolant R 290 is classed as a pure hydrocarbon. It is friendly to the ozone layer and has only a slight greenhouse potential. In addition, it has excellent thermodynamic properties and promises a long service life for the recirculating chiller, even under future utilization requirements.

LOWER OPERATING COSTS

In combination with the demand-controlled compressor in the RC 2 GREEN, the environmentally-friendly refrigerant achieves a cooling capacity of 800 watts and a minimum temperature of -30 °C. Not only is this good for the environment, but, extrapolated over ten years, the costs also decrease by 150 to 250 Euros per year of operation. In addition, the RC 2 GREEN saves 30% in installation space and half of the device volume compared with equivalent competitor devices.

FULL POWER

Furthermore, the RC 2 GREEN offers everything one would expect to see in a reliable recirculating chiller: a powerful pressure and suction pump, a high-quality fine-mesh stainless steel filter and, of course, the typical IKA modern and user-friendly design, incorporating intuitive menu navigation. The display on the control variant can be removed. This permits straightforward remote operation, freeing up space immediately around the working environment for additional essential laboratory equipment.



ICC basic

\$ 1,403.00
Ident. No. 0020002272



ICC control

\$ 1,672.00
Ident. No. 0020002273



IC basic

\$ 2,293.00
Ident. No. 0003861001



IC control

\$ 2,966.00
Ident. No. 0003863001***



TECHNICAL DATA	ICC BASIC	ICC CONTROL	IC BASIC	IC CONTROL
Appliance type	Compact immersion circulator	Compact immersion circulator	Immersion circulator	Immersion circulator
Heat output (230 / 115 V)	2000 / 1000 W	2000 / 1000 W	2500 / 1250 W	2500 / 1250 W
Temperature range	RT +10 °C* – 150 °C	RT +10 °C* – 150 °C	RT +10 °C – 250 °C**	RT +10 °C – 250 °C**
Display	LED	TFT	LED	TFT (wireless)
Temperature stability DIN 12876	± 0.02 K	± 0.01 K	± 0.02 K	± 0.01 K
Max. flow rate	18 l/min	18 l/min	31 l/min	31 l/min
Max. pump pressure	0.3 bar	0.3 bar	0.61 bar	0.61 bar
Min. suction pressure	0.2 bar	0.2 bar	0.45 bar	0.45 bar
Dimensions (W x H x D)	145 x 340 x 200 mm	145 x 340 x 200 mm	285 x 313 x 291 mm	285 x 313 x 291 mm

* Possible operating temperatures with cooling coil: -20 °C to 150 °C
** Possible operating temperatures with cooling coil: -20 °C to 250 °C
*** CC 1 cooling coil included in delivery



ICC basic eco 8



ICC control pro 12

Product	Description	Bath size	Bath opening (W x D)***	Ident. No.	Price
HEATING BATH CIRCULATORS					
ICC basic eco* 8	Package ICC basic, 8 l eco bath	S	188 x 105 mm	0010000853	\$ 2,272.00
ICC basic pro** 9	Package ICC basic, 9 l pro bath	S	195 x 100 mm	0010000851	\$ 2,522.00
ICC basic pro 12	Package ICC basic, 12 l pro bath	M	255 x 127 mm	0010000473	\$ 2,611.00
ICC basic eco 18	Package ICC basic, 18 l eco bath	L	245 x 305 mm	0010000475	\$ 2,486.00
ICC basic pro 20	Package ICC basic, 20 l pro bath	L	255 x 309 mm	0010000477	\$ 2,788.00
ICC control eco 8	Package ICC control, 8 l eco bath	S	188 x 105 mm	0010000849	\$ 2,505.00
ICC control pro 9	Package ICC control, 9 l pro bath	S	195 x 100 mm	0010000847	\$ 2,758.00
ICC control pro 12	Package ICC control, 12 l pro bath	M	255 x 127 mm	0010000479	\$ 2,845.00
ICC control eco 18	Package ICC control, 18 l eco bath	L	245 x 305 mm	0010000481	\$ 2,567.00
ICC control pro 20	Package ICC control, 20 l pro bath	L	255 x 309 mm	0010000483	\$ 3,024.00
COMBINED HEATING BATH CIRCULATORS					
ICC basic eco 8 c	Package ICC basic, 8 l eco bath, cover	S	188 x 105 mm	0010000854	\$ 2,858.00
ICC basic pro 9 c	Package ICC basic, 9 l pro bath, cover	S	195 x 100 mm	0010000852	\$ 3,109.00
ICC basic pro 12 c	Package ICC basic, 12 l pro bath, cover	M	255 x 127 mm	0010000474	\$ 3,392.00
ICC basic eco 18 c	Package ICC basic, 18 l eco bath, cover	L	245 x 305 mm	0010000476	\$ 3,269.00
ICC basic pro 20 c	Package ICC basic, 20 l pro bath, cover	L	255 x 309 mm	0010000478	\$ 3,568.00
ICC control eco 8 c	Package ICC control, 8 l eco bath, cover	S	188 x 105 mm	0010000850	\$ 3,093.00
ICC control pro 9 c	Package ICC control, 9 l pro bath, cover	S	195 x 100 mm	0010000848	\$ 3,344.00
ICC control eco 18 c	Package ICC control, 18 l eco bath, cover	L	245 x 305 mm	0010000482	\$ 3,186.00
ICC control pro 12 c	Package ICC control, 12 l pro bath, cover	M	255 x 127 mm	0010000480	\$ 3,627.00
ICC control pro 20 c	Package ICC control, 20 l pro bath, cover	L	255 x 309 mm	0010000484	\$ 3,680.00
PACKAGES WITH MAGNETIC STIRRER					
ICC basic IB R RO 15 eco	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010002472	\$ 4,923.00
ICC control IB R RO 15 eco	Package ICC control with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010002475	\$ 6,017.00
ICC basic IB R RO 15 pro	Package ICC basic with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010006740	on request
ICC control IB R RO 15 pro	Package ICC control with magnetic stirrer RO 15 and bath	L	317 x 492 mm	0010006736	on request

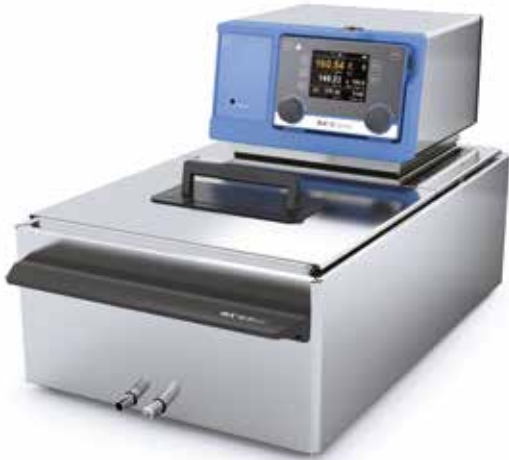
* eco: plastic bath
** pro: stainless steel bath
*** Size of plate that can be placed at the bottom of the bath



ICC control pro 20 c



ICC basic IB R RO 15 eco
(Circulating bath with 15 stirring positions for glass beakers up to 250 ml)



IC control pro 20 c



ICC control IB R RO 15 pro

Product	Description	Bath size	Bath opening (W x D)***	Ident. No.	Price
IMMERSION CIRCULATOR PACKAGES					
IC basic pro 12 c	Package IC basic, 12 l pro bath, cover	M	255 x 80 mm	0010000467	\$ 3,886.00
IC basic pro 20 c	Package IC basic, 20 l pro bath, cover	L	255 x 262 mm	0010000469	\$ 4,122.00
IC control pro 12 c	Package IC control, 20 l pro bath, cover	M	255 x 80 mm	0010000470	\$ 4,210.00
IC control pro 20 c	Package IC control, 12 l pro bath, cover	L	255 x 262 mm	0010000472	\$ 4,446.00

*** Size of plate that can be placed at the bottom of the bath

/// Heating Bath Circulators

①

HBC 5 basic
\$ 3,405.00
Ident. No. 0004125001

②

HBC 5 control
\$ 3,836.00
Ident. No. 0004127001

①

HBC 10 basic
\$ 3,920.00
Ident. No. 0004135001

②

HBC 10 control
\$ 4,023.00
Ident. No. 0004137001



/// Refrigerated and Heating Bath Circulators

①

CBC 5 basic
\$ 6,524.00
Ident. No. 0004165001

②

CBC 5 control
\$ 7,133.00
Ident. No. 0004167001

①

HRC 2 basic
\$ 5,665.00
Ident. No. 0025003743

②

HRC 2 control
\$ 6,403.00
Ident. No. 0025004639



TECHNICAL DATA	HBC 5 BASIC CONTROL	HBC 10 BASIC CONTROL	CBC 5 BASIC CONTROL	HRC 2 BASIC CONTROL
Appliance type	Heated bath circulator	Heated bath circulator	Refrigerated and heating bath circulator	Refrigerated and heating bath circulator
Heater capacity (230 / 115 V)	2500 / 1250 W	2500 / 1250 W	2500 / 1250 W	1500 / 1200 W
Temperature range	RT + 10 °C* – 250 °C	RT + 10 °C* – 250 °C	-25 °C – 200 °C	-20 °C – 100 °C -30 °C** – 100 °C
Cooling capacity at 20 °C	–	–	350 W	400 W
Display	LED TFT (wireless)	LED TFT (wireless)	LED TFT (wireless)	LED TFT (wireless)
Temperature stability DIN 12876	± 0.02 K ± 0.01 K	± 0.02 K ± 0.01 K	± 0.02 K ± 0.01 K	± 0.1 K ± 0.05 K
Max. flow rate	31 l/min	31 l/min	31 l/min	21 l/min
Max. pump pressure	0.61 bar	0.61 bar	0.61 bar	0.5 bar
Min. suction pressure	0.45 bar	0.45 bar	0.45 bar	0.25 bar
Dimensions (W × H × D)	275 × 406 × 500 mm	275 × 456 × 500 mm 275 × 456 × 506 mm	275 × 690 × 490 mm	220 × 475 × 525 mm

* Possible operating temperatures with cooling coil: -20 °C to 250 °C
** -30 °C possible at 2000 rpm

①

RC 2 basic
\$ 3,970.00
Ident. No. 0004171001

②

RC 2 control
\$ 5,120.00
Ident. No. 0004173001

①

RC 2 GREEN basic
\$ 4,317.00
Ident. No. 0025007402

②

RC 2 GREEN control
\$ 5,622.00
Ident. No. 0025007404



RC 5 basic
\$ 6,312.00
Ident. No. 0020008503



RC 5 control
\$ 7,436.00
Ident. No. 0020008504



TECHNICAL DATA	RC 2 BASIC CONTROL	RC 2 GREEN BASIC CONTROL	RC 5 BASIC CONTROL
Appliance type	Recirculating chiller	Recirculating chiller	Recirculating chiller
Cooling capacity at 20 °C	400 W	800 W	1400 W
Temperature range	-20 °C – RT -30 °C – RT	-30 °C – RT	-30 °C – RT
Display	LED TFT (wireless)	LED TFT (wireless)	LED TFT (wireless)
Temperature stability DIN 12876	± 0.1 K ± 0.05 K	± 0.15 K	± 0.2 K ± 0.1 K
Max. flow rate	18 l/min	21 l/min	31 l/min
Max. pump pressure	0.3 bar	0.5 bar	0.61 bar
Min. suction pressure	0.2 bar	0.25 bar	0.45 bar
Dimensions (W × H × D)	220 × 475 × 525 mm	220 × 475 × 525 mm	310 × 546 × 490 mm



CS.ICC CL.ICC



BS.ICC PCS.ICC



BS.IC CC1



IB R 9 eco IB 18 eco



IB 9 pro IB 20 pro

Product	Description	Ident. No.	Price
ACCESSORIES FOR ICC			
CS.ICC	Cover, small for ICC, 8 / 9 l bath vessels	0004471500	\$ 181.00
CM.ICC	Cover, medium for ICC, 12 l bath vessels	0025000290	\$ 194.00
CL.ICC	Cover, big for ICC, 18 / 20 l bath vessels	0004471600	\$ 251.00
CLG.ICC	Gable lid for ICC, bath size L	0020023680	on request
CLR.ICC	Cover with 6 ring openings for ICC, 18 / 20 l bath vessels	0025006276	on request
BS.ICC	Bridge, small for ICC, 8 / 9 l bath vessels	0020003077	\$ 239.00
BL.ICC	Bridge, big for ICC, 18 / 20 l bath vessels	0020003078	\$ 239.00
CC2	Cooling coil for ICC	0025001061	\$ 148.00
PCS.ICC	Pump connection set for ICC	0004471900	\$ 151.00

ACCESSORIES FOR IC			
CM.IC	Cover, medium for IC, 12 l bath vessels	0004577600	\$ 194.00
CL.IC	Cover, big for IC, 18 / 20 l bath vessels	0004471800	\$ 251.00
BS.IC	Bridge, small for IC, 12 / 18 / 20 l bath vessels	0004472800	\$ 239.00
CC1	Cooling coil for IC basic / control	0020005116	\$ 148.00

BATH VESSELS			
Bath size S			
IB 8 eco	Bath vessel, plastic, 8 l	0004248100	\$ 623.00
IB R 9 eco	Bath vessel, plastic, 9 l, rectangular	0020004382	\$ 564.00
IB 9 pro	Bath vessel, stainless steel, 9 l	0004248500	\$ 872.00

Bath size M			
IB 12 pro	Bath vessel, stainless steel, 12 l	0004577500	\$ 998.00

Bath size L			
IB 18 eco	Bath vessel, plastic, 18 l	0004248200	\$ 872.00
IB HF 24 eco	Bath vessel, plastic, 24 l	0020006884	\$ 937.00
IB R 20 eco	Bath vessel, 20 l, plastic, rectangular	0020004383	\$ 717.00
IB R 52 eco	Bath vessel, 52 l, plastic, rectangular	0020007044	\$ 1,019.00
IB R RO 15 eco	Bath vessel for magn. stirrer RO 15	0020006341	\$ 2,070.00
IB R RO 15 pro	Bath vessel for magn. stirrer RO 15	0025007761	on request
IB 20 pro	Bath vessel, stainless steel, 20 l	0004248600	\$ 1,175.00



HF.Si.20.200.50



LT 5.20



H.SI.8



ISO.8



ISO.12

Product	Description	Ident. No.	Price
THERMOFLUIDS			
HF.Si.20.250.50A	Heating fluid Si250A; 10 kg	0020003521	on request
HF.Si.20.200.50	Heating fluid Si200; 10 kg	0020003520	\$ 785.00
UF.Si.N30.150.10LV	Universal fluid Si150 LV; 9 kg	0020003518	on request
HOSES			
LT 5.20	High temperature hose kit insulated, 2 x 1.5 m, stainless steel	0002606700	\$ 1,296.00
LT 5.21	High temperature hose kit insulated, 2 x 1.5 m, PTFE	0020000988	\$ 974.00
H.PVC.8	Hose, PVC, Ø 8 mm, 2 x 1.5 m	0004568800	\$ 19.00
H.PVC.12	Hose, PVC, Ø 12 mm, 2 x 1.5 m	0004568900	\$ 26.00
H.SI.6	Hose, silicone, Ø 6 mm, 3 m	0020102324	on request
H.SI.8	Hose, silicone, Ø 8 mm, 2 x 1.5 m	0004569000	\$ 58.00
H.SI.12	Hose, silicone, Ø 12 mm, 2 x 1.5 m	0004569100	\$ 78.00
H.PUR.8.R	Tube PUR 90 °C, Ø 8, 2 x 1.5 m, reinforced	0020004612	\$ 68.00
H.PUR.12	Tube PUR 90 °C, Ø 12, 2 x 1.5 m	0020004613	\$ 98.00
H.FKM.8	Tube FKM, Ø 8 mm, -30 – 180 °C, 2 x 1.5 m	0004569200	\$ 415.00
H.FKM.12	Tube FKM, Ø 12 mm, -30 – 180 °C, 2 x 1.5 m, M 16 x 1	0004569300	\$ 545.00

INSULATION FOR HOSES			
ISO.8	Insulation, Ø 8 mm, 2 x 1.5 m	0004569400	\$ 65.00
ISO.12	Insulation, Ø 12 mm, 2 x 1.5 m	0004569500	\$ 19.00



Tube rack, 13 mm, S, stainless



Variable rack, ICC, ML, stainless



Variable bottom, ICC, L, stainless



Bottom plate L



Floating tube rack 1



Floating globes, PP



WH10

Product	Description	Ident. No.	Price
TUBE RACKS			
Tube rack, 13 mm, S, stainless	Stainless steel rack for bath size S, Ø 13 mm	0020004026	\$ 102.00
Tube rack, 17 mm, S, stainless	Stainless steel rack for bath size S, Ø 17 mm	0020004027	\$ 102.00
Tube rack, 22 mm, S, stainless	Stainless steel rack for bath size S, Ø 22 mm	0020004028	\$ 102.00
Tube rack, 13 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 13 mm	0020004029	\$ 218.00
Tube rack, 17 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 17 mm	0020004030	\$ 218.00
Tube rack, 22 mm, ML, stainless	Stainless steel rack for bath size M+L, Ø 22 mm	0020004031	\$ 218.00
Variable rack, ICC, ML, stainless	Variable rack for bath size M+L.ICC	0020004032	on request
Inlay 1, variable rack, ICC, ML	Inlay for variable rack, Ø 13 mm, 2 pcs.	0020004033	on request
Inlay 2, variable rack, ICC, ML	Inlay for variable rack, Ø 17 mm, 2 pcs.	0020004034	on request
Inlay 3, variable rack, ICC, ML	Inlay for variable rack, Ø 22 mm, 2 pcs.	0020004035	on request
Variable bottom, ICC, L, stainless	Variable bottom for bath size L.ICC	0020004614	on request
Bottom plate L	Bottom plate for bath size L	0020006212	on request
Bottom plate L, ICC	Bottom plate for bath size L.ICC	0020007353	on request
FLOATING RACKS			
Floating tube rack 1	Floating tube rack for 24 x 1.5 / 2.0 ml tubes, 5 pcs.	0020003667	\$ 54.00
Floating tube rack 2	Floating tube rack for 8 x 15 ml tubes, 5 pcs.	0020003668	\$ 54.00
Floating tube rack 3	Floating tube rack for 4 x 50 ml tubes, 5 pcs.	0020003669	\$ 54.00
ADDITIONAL ACCESSORIES			
WH10	WiCo Holder	0020000984	\$ 44.00
PT 100.30	Temp. sensor, stn. steel	0004284700	\$ 120.00
PT 100 extension (Lemo)	Extension cable PT 100, lemo connector, 3 m	0020004629	on request
Floating globes, PP	Floating globes, PP, 500 pcs.	0020003666	\$ 298.00
Distribution Pipe	4-sided distributor tube for improved flow in large tanks, stainless steel	0020027440	on request
PDS.IB.R.RO	Pump connection set ICC for IB R RO baths, incl. distribution pipe	0020026449	on request



CO V 1



Ball valve M16x1



Mechanic fluid level controller



Elbow tube 90°



Olive for DN 6 hoses



Adapter NTP 1/4



Adapter NTP 3/4

Product	Description	Ident. No.	Price
VALVES AND LEVEL CONTROLLERS			
MV 1	Magnetic valve for cooling water control, max. 100 °C	0020003763	\$ 623.00
CO V 1	Closed pressure valve for external pump connection set, max. 180 °C	0020000249	\$ 1,072.00
Ball valve M16 x 1	Ball valve, completely opening (M 16 x 1)	0020004620	on request
Mechanic fluid level controller	Mechanic fluid level controller	0020004618	\$ 866.00
ADAPTERS			
Elbow tube 90°	Elbow tube 90°	0025001212	on request
Elbow Olive 90° for pump	90° tube adapter for pump mounting	0025007462	on request
Y-hose connector 8 mm	Splitter, PP, max. 135 °C	0020010963	on request
Olive for DN 6 hoses	Olive for DN 6 hoses, 2 pcs.	0020004667	on request
Olive for DN 8 hoses	Olive for DN 8 hoses, 2 pcs.	0020004566	on request
Olive for DN 10 hoses	Olive for DN 10 hoses, 2 pcs.	0020004568	\$ 49.00
Olive for DN 12 hoses	Olive for DN 12 hoses, 2 pcs.	0020004889	on request
Adapter NTP 1/4	Adapter M 16 to NPT 1/4, 2 pcs.	0020004569	\$ 115.00
Adapter NTP 1/2	Adapter M 16 to NPT 1/2, 2 pcs.	0020004570	on request
Adapter NTP 3/4	Adapter M 16 to NPT 3/4, 2 pcs.	0020004571	\$ 382.00
Adapter M16x1 f - G1/4 m	Adapter M 16 x 1 female to G 1/4 male	0020008807	on request
Adapter M16x1 m - G1/4 m	Adapter M 16 x 1 male to G 1/4 male	0020008734	on request
Adapter M16x1 m - G1/2 m	Adapter M 16 x 1 male to G 1/2 male	0020008796	on request
Adapter M16x1 f - G1/2 m	Adapter M 16 x 1 female to G 1/2 male	0020008800	on request
Adapter M16x1 f - G3/8 m	Adapter M 16 x 1 female to G 3/8 male	0020008730	on request
Adapter M16x1 m - G3/8 m	Adapter M 16 x 1 male to G 3/8 male	0020008754	on request
Adapter M16x1 m - M16x1 m	Adapter M 16 x 1 male to M 16 x 1 male, for hose extension	0025007118	on request
Lock nut	Lock nut, 2 pcs.	0020004583	on request
Stopper	Stopper, 2 pcs.	0020004584	on request