

IKA

designed for scientists



ICC control IB R RO 15 eco

/// Data Sheet

IKA facilitates the configuration of your temperature control system by offering “ready for connection” packages with all necessary accessories.

Circulating bath with 15 stirring positions for glass beakers up to 250 ml.

Package includes

- ICC control compact immersion circulator
- IB R RO 15 eco plastic bath (size L)



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- RO 15 magnetic stirrer
- BL.ICC large bridge

Bath opening: 317 x 492 mm
Immersion Depth: 35-75 mm

Max. temperature in the plastic bath ("eco" series): 80 °C (water only)

* Technical data relates to the temperature control instrument included in the package

Scope of delivery

- ICC control
- BL.ICC Large bridge
- IB R RO 15 eco
- RO 15



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Technical Data

Appliance type	Compact immersion circulators
Class designation acc. DIN 12876	III
Identification according to DIN 12876	FL
Heat output [W]	2000
Working temperature [°C]	room temp. +10K @1000rpm - 150
Operating temperature min. (with external cooling) [°C]	-20
Temperature display	yes
Temperature control	PID
Working temperature sensor	PT 100
Safety temperature sensor	PT1000
Working temperature display	TFT
Safety temperature display	TFT
Temperature stability DIN 12876 [K]	±0.01
Connection for ext. temperature sensor	PT 100
Display resolution [K]	0.01
Display for operation with ext. sensor	yes
Set temperature resolution [K]	0.1
Warning function optical	yes
Warning function acoustic	yes
Warning function excess temperature	yes
Adjustable safety circuit [°C]	0 - 160
Sub-level protection	yes
Over-level protection	yes
Pump type	Pressure- / suction pump
Pump capacity adjustable	yes
Pump pressure max. (0 liters discharge flow) [bar]	0.3
Pressure pump (suction side) (0 liter flow) [bar]	0.2
Flow rate max. (0 bar back pressure) [l/min]	18
Bath depth min. [mm]	150
Calibration option	yes
Appliance fastener	clamp
Technical data complies with the standard	DIN 12876
Permissible ON time [%]	100
Dimensions (W x H x D) [mm]	145 x 340 x 200
Weight [kg]	22.29
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
RS 232 interface	yes
USB interface	Micro-USB
Voltage [V]	230
Frequency [Hz]	50/60
Power input [W]	2100