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designed for scientists

ICC basic 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 basic
- IB R RO 15 eco

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Subject to technical changes

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- RO 15 magnetic stirrer
- BL.ICC large bridge

Maximum Temperature 80°C
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

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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 - 80
Operating temperature min. (with external cooling) [°C]	-20
Temperature display	yes
Temperature control	PT 100
Working temperature sensor	PT 100
Safety temperature sensor	PT1000
Working temperature display	LED
Safety temperature display	LED
Temperature stability DIN 12876 [K]	±0.02
Display resolution [K]	0.1
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
Width including bath [mm]	333
Depth including bath [mm]	700
Height including bath [mm]	362
Width bath opening [mm]	317
Depth bath opening [mm]	98
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]	22.23
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	yes
Voltage [V]	230
Frequency [Hz]	50/60
Power input [W]	2100

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