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# 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

- 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

Scope of delivery
•ICC basic IB R RO 15 eco
•ICC basic
•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 - 80 |
| 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 | 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 | Micro-USB |
| Voltage [V] | 230 |
| Frequency [Hz] | 50/60 |
| Power input [W] | 2100 |