



designed for scientists



ICC 100 lite eco 18

/// Data Sheet

The compact immersion circulators of the lite series are powerful and of high quality, with a focus on essential basic functions, excellent performance and efficient operation. ICC 100 lite is suitable for tempering liquids up to 100 °C and internal circulation.

To make configuration of your temperature control system as convenient as possible, IKA offers “ready-to-connect” packages with all the necessary accessories.

Package includes:



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ICC 100 lite Compact immersion circulator

IB 18 eco Plastic bath (size L)

BL.ICC lite Bath bridge, big

Max. temperature in the plastic bath (eco): 100 °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. - 100
Operating temperature min. (with external cooling) [°C]	-25
Temperature display	yes
Temperature control	PID
Working temperature sensor	PT1000
Safety temperature sensor	PT1000
Working temperature display	LED
Safety temperature display	LED
Temperature stability DIN 12876 [K]	±0.05
Display resolution [K]	0.1
Set temperature resolution [K]	±0.1
Warning function optical	yes
Warning function acoustic	yes
Adjustable safety circuit [°C]	0 - 110
Sub-level protection	yes
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]	135 x 303 x 180
Weight [kg]	4.2
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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Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.