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ICC 150 lite pro 12

/// 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 150 lite is suitable for tempering liquids up to 150 °C. The integrated pressure/ suction pump allows ICC 150 lite to be used for internal and external applications.

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

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Package includes:
ICC 150 lite Compact immersion circulator
IB 12 pro Stainless steel bath (size M)
BL.ICC lite Bath bridge, big

Max. temperature in stainless steel bath (pro): 150 °C
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. - 150
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 - 160
Sub-level protection	yes
Over-level protection	yes
Pump type	Pressure- / suction pump
Pump pressure max. (0 liters discharge flow) [bar]	0.3
Pressure pump (suction side) (0 liter flow) [bar]	0.1
Flow rate max. (0 bar back pressure) [l/min]	15
Bath depth min. [mm]	150
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]	4.7
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	USB-B
Voltage [V]	230
Frequency [Hz]	50/60
Power input [W]	2100