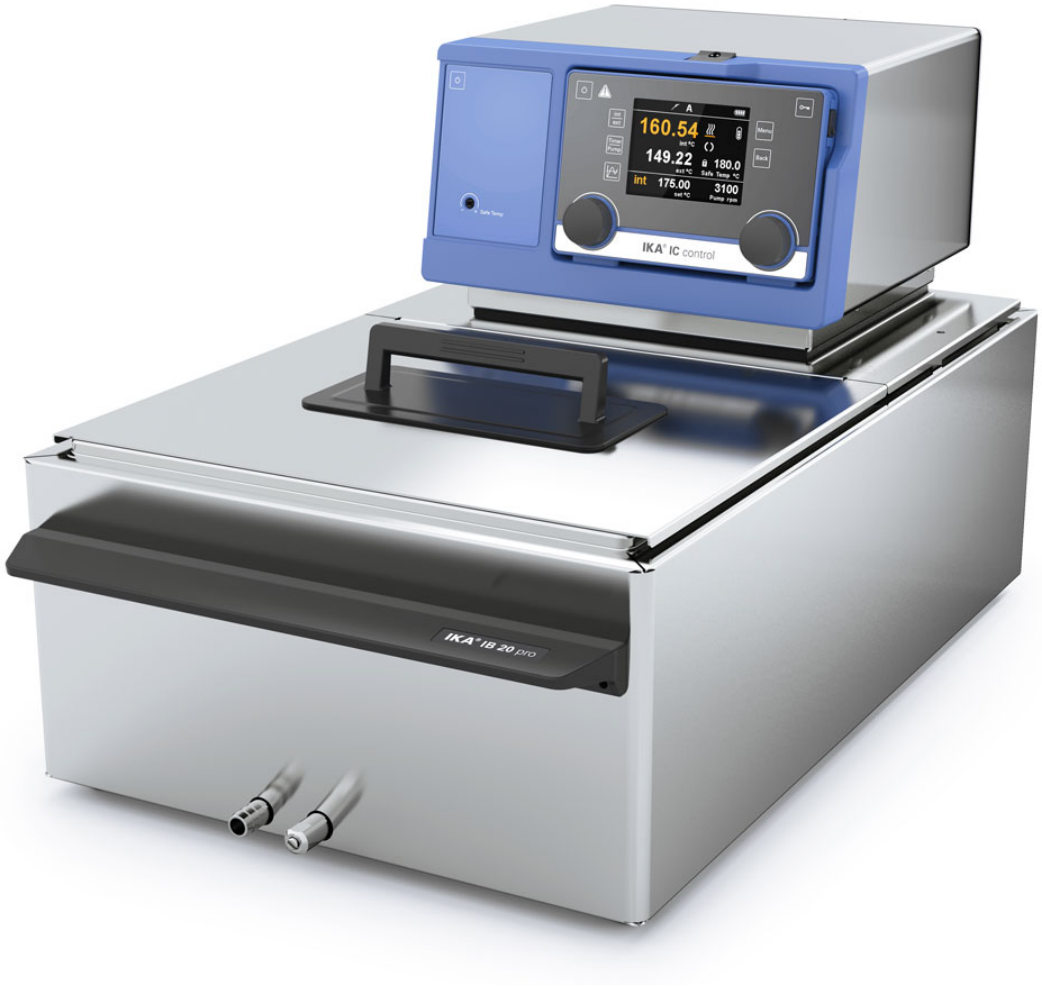
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IC control pro 20 c

/// Data Sheet

IKA facilitates the configuration of your temperature control system by offering “ready for connection“ packages including all required accessories.

Package includes
- IC control immersion circulator
- IB 20 pro stainless steel bath (size L)
- PT 100.30 temperature sensor
- CC1 cooling coil (already included in IC control device)

- CL.IC large cover
- BS.IC small bridge

total: 354 x 641 x 359 mm
bath opening: 255 x 262 mm *
max. bath opening: 292 x 278 mm **
Immersion depth. 95 mm–135 mm

*Dimensions to set plate at the bottom of bath.
** Maximum bath opening dimensions at the upper edge of the bath

Max. temperature in the stainless steel bath (“pro” series): 200 °C

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

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Technical Data

Appliance type	Immersion thermostat
Class designation acc. DIN 12876	III
Identification according to DIN 12876	FL
Heat output [W]	2500
Working temperature [°C]	room temp. +10K @1000rpm - 250
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 - 260
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]	0.7
Pressure pump (suction side) (0 liter flow) [bar]	0.4
Flow rate max. (0 bar back pressure) [l/min]	26
Pump connection	M16x1
Cooling coil connection	NW 8
Bath depth min. [mm]	150
Calibration option	yes
Appliance fastener	Bridge
Range of universal clamp [mm]	280 - 375
Technical data complies with the standard	DIN 12876
Permissible ON time [%]	100
Multi-Interface	yes
Alarm output (potential-free contact) max. [V AC/DC]	30
Alarm output (potential-free contact) max. [A]	1
Solenoid valve output [VDC]	24
Solenoid valve output max. [A]	0.8
Standby input [VDC]	5
Dimensions (W x H x D) [mm]	285 x 313 x 291
Weight [kg]	16.56
Permissible ambient temperature [°C]	5 - 40
Permissible relative humidity [%]	80
Protection class according to DIN EN 60529	IP 21
RS 232 interface	yes

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USB interface	Micro-USB
Voltage [V]	230
Frequency [Hz]	50/60
Power input [W]	2650
Batteries included with the product?	yes
Battery Cell Type	custom LiPo/ CR2032
Number of Batteries	2
Battery Weight [g]	55 / 3
How is the Battery packaged	within appliance
Battery Energy Content [Wh]	7.4 / 0.69
Battery Voltage [V]	3.7 / 3