

IKA

designed for scientists



IC basic pro 12 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 basic immersion circulator
- IB 12 pro stainless steel bath (size M)
- PT 100.30 temperature sensor
- CC1 cooling coil

www.ika.com

Subject to technical changes



IKAworldwide



IKAworldwide /// #lookattheblue



@IKAworldwide



designed for scientists

- CM.IC medium cover
- BS.IC small bridge

total: 354 x 461 x 359 mm

bath opening: 255 x 80 mm *

max. bath opening: 292 x 105 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



designed for scientists

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	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
Connection for ext. temperature sensor	PT 100
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 - 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]	0.61
Pressure pump (suction side) (0 liter flow) [bar]	0.45
Flow rate max. (0 bar back pressure) [l/min]	31
Pump connection	M16x1
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
Dimensions (W x H x D) [mm]	285 x 313 x 291
Weight [kg]	10
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 / 100 - 115
Frequency [Hz]	50/60
Power input [W]	2650