

## IKA HBC 5 Basic Heated Bath Circulator, Max Temp:200°C, 5-7 Liter Capacity



MODEL	IKA HBC 5 Basic Heated Bath Circulator, Max Temp:200°C, 5-7 Liter Capacity
Appliance type	circulation thermostat
Classification according to DIN 12876	III
Identification according to DIN 12876	FL
Heat output	2500 W
Operating temperature min. (with external cooling)	-20 °C
Operating temperature max.	200 °C
Working temperature min.	room temp. +10K @1000rpm °C
Working temperature max.	200 °C
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	0.02 ±K



Connection for ext. temperature sensor	PT 100
Display resolution	0.1 ±°C
Display for operation with ext. sensor	yes
Heat control accuracy	0.1 +K
Warning function optical	yes
Warning function acoustic	yes
Warning function excess temperature	yes
Warning function insufficient temperature	no
Adjustable safety circuit min.	0 °C
Adjustable safety circuit max.	260 °C
Sub-level protection	yes
Over-level protection	yes
Bath volume min.	5 l
Bath volume max.	7 l
Pump type	Pressure- / suction pump
Pump capacity adjustable	yes
Pump pressure max. (0 liters discharge flow)	0.5 bar
Pressure pump (suction side) (0 liter flow)	0.3 bar
Pump pressure max. (0 bar back pressure)	20 l/min
Pump connection	M16x1
Cooling coil connection	NW 8
Bath depth min.	150 mm
Calibration option	yes
Technical data complies with the standard	DIN 12876
Permissible ON time	100 %
Dimensions (W x H x D)	275 x 406 x 500 mm
Weight	17 kg
Permissible ambient temperature	5 - 40 °C
Permissible relative humidity	80 %
Protection class according to DIN EN 60529	IP 21
RS 232 interface	yes
USB interface	yes
Voltage	230 / 115 V
Frequency	50/60 Hz
Power input	2650 W

