

HCT basic IKAMAG® safety control

Universal laboratory heating plate with revolutionary technology and new functions:



- new: Integrated temperature control
- new: Incl. PT 1000 temperature sensor (PT 1000.60)
- new: Exact temperature setting via digital display, even when switched off
- new: Set safety temperature limit displayed digitally
- new: Hot Top indicator >> hot surface warning to prevent burns!
- new: Digital error code display
- With adjustable safety circuit of heating plate temperature (50 - 360 °C)
- Heating plate, suitable for unsupervised operation
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- High level of safety thanks to improved heat control technology
- Enclosed assembly (IP 42) guarantees long service life
- Highly polished aluminium heating plate for optimum heat transfer

Technical Data			
Number of heating points [-]	1	Heat output [W]	600
Heating temperature range [°C]	room temp. - 310	Heat control [-]	LED
Heat control accuracy [±K]	1	Connection for ext. temperature sensor [-]	DIN 12 878
Control accuracy with sensor [±K]	1	Temperature constancy in medium [±K]	1
Heating rate (1 l H ₂ O in H15) [K/min]	6,5	Set-up plate material [-]	Aluminium alloy
Set-up plate dimensions [mm]	Ø 135	Adjustable safety circuit min. [°C]	50
Adjustable safety circuit max. [°C]	360	Dimensions (W x H x D) [mm]	165 x 85 x 275
Weight [kg]	2,5	Permissible ambient temperature [°C]	5 - 40
Permissible relative moisture [%]	80	Protection class according to DIN EN 60529 [-]	IP 42
Voltage [V]	220 - 230 / 115 / 100	Frequency [Hz]	50/60
Power input [W]	640		

HP 30 digital IKATHERM®



- Heating plate with a large set-up surface (300 x 300 mm).
- Adjustable heating capacities of 25 %, 50 % and 100 %
 - Homogenous temperature distribution across entire plate
 - Digital temperature display and electronic control
 - Safety features to prevent skin contact
 - Surface is made of corrosive-resistant materials

Technical Data			
Number of heating points [-]	1	Heat output [W]	2500
Heating temperature range [°C]	room temp. - 300	Heat control [-]	stepless
Heat control accuracy [±K]	1	Control accuracy with sensor [±K]	1
Set-up plate material [-]	grey cast iron	Set-up plate dimensions [mm]	300 x 300
Dimensions (W x H x D) [mm]	320 x 140 x 400	Weight [kg]	15
Permissible ambient temperature [°C]	5 - 40	Permissible relative moisture [%]	80
Protection class according to DIN EN 60529 [-]	IP 21	Voltage [V]	230
Frequency [Hz]	50/60	Power input [W]	2500

HP-M6 basic IKATHERM®



This multi-position heating device has been designed for serial testing and for testing at different temperatures.

- Ideal for Soxhlet applications or classic Kjeldahl decompositions
- Stainless steel collecting tank prevents the medium from spilling

Technical Data			
Number of heating points [-]	6	Heat output [W]	2700
Heating temperature range [°C]	room temp. - 530	Heat control [-]	stepless
Heat control accuracy [±K]	10	Temperature constancy in medium [±K]	10
Set-up plate material [-]	grey cast iron	Set-up plate dimensions [mm]	Ø 85
Dimensions (W x H x D) [mm]	730 x 170 x 190	Weight [kg]	15
Permissible ambient temperature [°C]	5 - 40	Permissible relative moisture [%]	80
Protection class according to DIN EN 60529 [-]	IP 21	Voltage [V]	230
Frequency [Hz]	50/60	Power input [W]	2700