

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

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Data Sheet

Heating/Tempering / Hot Plates



HCT basic IKATHERM® 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 or ETS-D6, 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

Accessories: ETS-D5, H 11 Mains cable CH plug, H 38 Holding rod, ETS-D6, H 11 Mains cable UK plug, H 11 Mains cable USA plug, H 11 Mains cable Euro plug, H 16.1 Extension, PT 1000.60 Temperature sensor, stainless steel, H 16 V Support rod, H 44 Boss head clamp, H 15 Bath attachment, H 28 Bath attachment, H 29 Oil bath attachment, H 30 Oil bath attachment

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 H2O 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
Ident. No.	**3384100**

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Subject to technical changes

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