Hotplate

HP-500 **NEW**

Highest performance

- powerful: temperature up to 500 °C
- protection against corrosion due to the smart design
- superior heat- and chemical-resistant full ceramic plate
- precise temperature by digital feedback control

Highest convenience

- intuitive and very easy to use control elements
- illuminated digital display for easy setting
- easy to clean full ceramic plate

Highest user safety

- hot top indicator for temperatures over 50°C
- high quality insulation to protect user and device against heat damage
- two independent internal sensors for accurate temperature and overheating protection

Protection
Two features protect the device from internal corrosion and prolong its life time: the **closed coverage type** and the **intelligent fluid management system**, which leads off accidentally spilled liquids away from the interior of the device.

Surface
The **superior full ceramic plate** achieves up to 500°C, is **resistant against aggressive chemicals** and **easy to clean**.

Housing
The **die-cast case** with **high-quality insulation** ensures **user safety** during operation at high temperatures. The **minimized heat transfer** from the plate to the inside also ensures a **longer life time**.

Temperature control & safety
Two independent internal temperature sensors assure **accurate temperature control** and **prevent from malfunction** or

Accessories
The **external temperature sensor** allows **accurate temperature** due to **digital feed-back control system.**

Safety first
Hot top indicator lamp illuminates when temperature on the plate is over 50°C.
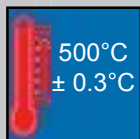
Controller
New **Jog-Dial "Turn + Push"** and **touch button** are designed for **intuitive, easy and direct use.**

Hotplate

digital, up to 500°C, solid ceramic plate 200x200 mm

NEW

500°C ± 0.3°C

HP-500 digital, 500°C

Ideal for:
- sample drying and general lab heating applications where high temperature is needed

Features:
- digital display with backlight
- new deisgn: lighter and more compact then the previous model
- high-quality solid ceramic plate 200x200 mm, up to 500°C
- heat-, chemical- and acid-resistant
- perfect heat uniformity from the inner to the edge
- no liquid can get into the body
- powder-coated aluminium body
- CE certified and unique serial number for tracing

Safety mechanism:
- hot top indicator lamp
- timer 99h 59min with timer-end signal
- ideal fourfold insulation: BTU, ceramic paper and 2 x SUS
- error status
- locking mode
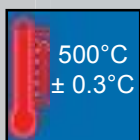- operation LEDs

Controller:
- **Jog-Dial** controller with touch-button for precise temperature control

HP-500 Set

Model	HP-500
Body	powder-coated aluminium
Plate	solid ceramic plate, 200x200 mm
Temperature range & accuracy	max. 500°C, ±0.3°C
Temperature resolution	0.1°C display, 0.5°C control
Temperature uniformity	specially designed heating module: temperature difference less than 10%
Heating power / consumption	850W
Timer & alarm	99hr 59min (with continuous run), error status and timer-end
Display	digital LCD with backlight function
Controller	digital feedback controller with Jog-Dial (Turn+Push) and touch-button
Safety circuit	overheat protection, hot top indicator LED lamp
Permissible temperature & RH %	ambient temperature +5 ~ 50°C, 85% RH
Dimension & weight	220 x 332 x 114 mm, 3.8 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz
Order number 230V	Set: DH. WHP01500 | Unit: DH.WHP00500
Order number 120V	Set: DH. WHP01501 | Unit: DH.WHP00501

Set includes:
Set includes:	Unit	HP-500
	Temperature probe	SS500
	Stand rod	RD200, Ø12xL450 mm, stainless steel
	Holder / clamp / clip	CL220 for fixation of temperature probe

500°C
± 0.3°C

HP-500D digital, 500°C

Ideal for:
- sample drying and general lab heating applications where high temperature is needed

Features:
- up to 500°C
- digital display with backlight
- high-quality solid ceramic plate 200x200 mm
- heat-, chemical- and acid-resistant
- perfect heat uniformity from the inner to the edge
- no liquid can get into the body
- powder-coated aluminium body
- CE certified and unique serial number for tracing

Safety mechanism:
- hot top indicator lamp
- high quality insulation (BTU)
- timer 99h 59min with timer-end signal
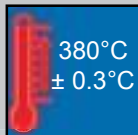- error status
- locking mode
- operation LEDs

Controller:
- **Jog-Dial** controller with touch-button for precise temperature control

HP-500D Set

Model	HP-500D
Body	powder-coated aluminium
Plate	solid ceramic plate, 200x200 mm
Temperature range & accuracy	max. 500°C, ±0.3°C
Temperature resolution	0.1°C display, 0.5°C control
Temperature uniformity	specially designed heating module: temperature difference less than 10%
Heating power / consumption	850W
Timer & alarm	99hr 59min (with continuous run), error status and timer-end
Display	digital LCD with backlight function
Controller	digital feedback controller with Jog-Dial (Turn+Push) and touch-button
Safety circuit	overheat protection, hot top indicator LED lamp
Permissible temperature & RH %	ambient temperature +5 ~ 50°C, 85% RH
Dimension & weight	205x345xh135 mm, 3.3 kg
Packaging size	400x280xh160 mm, unit: 4.8 kg, set: 5.4 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz
Order number 230V	Unit: DH.WHP05020 | Set: DH.WHP04020
Order number 120V	Unit: DH.WHP05021 | Set: DH.WHP04012

Set includes:
	Unit	HP-500D
	Temperature probe	Ø4xL250 mm, cable length: 190 mm
	Stand rod	Ø12xL450 mm with thread, stainless steel
	Holder / clamp / clip	for fixation of temperature probe

Hotplate

digital, up to 380°C, ceramic-coated plate

380°C ± 0.3°C

HP-D digital, 380°C

Ideal for:
• sample drying and general lab heating applications

Features:
• up to 380°C
• digital display with backlight
• ceramic-coated aluminium plate 180x180 / 260x260 mm
• heat-, chemical- and restricted acid-resistant
• powder-coated body
• CE certified and unique serial number for tracing

Safety mechanism:
• timer 99h 59min with timer-end signal
• error status
• locking mode
• operation LEDs

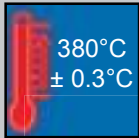### Controller:
• *Jog-Shuttle* controller with touch-button

HP-30D

HP-20D Set

Model	HP-20D	HP-30D
Body	powder-coated aluminium	powder-coated steel
Plate	ceramic-coated aluminium 180x180 mm	ceramic-coated aluminium 260x260 mm
Temperature range & accuracy	max. 380°C, ±0.3°C	
Temperature resolution	0.1°C display, 0.5°C control	
Temperature uniformity	specially designed heating module: temperature difference less than 10%	
Heating power / consumption	600W	1.2kW
Timer & alarm	99hr 59min (with continuous run), error status and timer-end	
Display	digital LCD with backlight function	
Controller	digital feedback controller with Jog-Dial (Turn+Push) and touch-button	
Safety circuit	overheat protection	
Permissible temperature & RH %	ambient temperature +5 ~ 50°C, 85% RH	
Dimension & weight	206x307xh99 mm, 2.8 kg	286x387xh99 mm, 3.2 kg
Packaging size	400x280xh200 mm, 5 kg	430x320xh200 mm, 5 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz	
Order number 230V	Unit: DH.WHP03020 | Set: DH.WHP03021	Unit: DH.WHP03022 | Set: DH.WHP03023
Order number 120V	Unit: DH.WHP02020 | Set: DH.WHP02021	Unit: DH.WHP02022 | Set: DH.WHP02023

Set includes:
Unit	HP-D	
Temperature probe	Ø4xL250 mm, cable length: 190 mm	
Stand rod	Ø12xL450 mm, stainless steel (stand rod for HP-20D with thread)	
Holder / clamp / clip	for fixation of temperature probe	

Accessories: External temperature probes, stand rod and holder / clamp / clip on page 27

380°C
± 0.3°C

HP-20A

HP-30A

HP-A analog, 380°C

Ideal for:
• sample drying and general lab heating applications

Features:
• up to 380°C
• ceramic-coated aluminium plate 180x180 / 260x260 mm
• heat-, chemical- and restricted acid-resistant
• powder-coated body
• CE certified and unique serial number for tracing

Safety mechanism:
• operation LEDs

Controller:
• *PWM controller*

Model	HP-20A	HP-30A
Body	powder-coated aluminium	powder-coated steel
Plate	ceramic-coated aluminium 180x180 mm	ceramic-coated aluminium 260x260 mm
Temperature range & accuracy	max. 380°C, ±0.3°C	
Temperature resolution	0.5°C control	
Temperature uniformity	specially designed heating module: temperature difference less than 10%	
Heating power / consumption	600W	1.2kW
Controller	superior linearity PWM Controller	
Permissible temperature & RH %	ambient temperature +5 ~ 50°C, 85% RH	
Dimension & weight	206x307xh99 mm, 2.8 kg	286x387xh99 mm, 3.2 kg
Packaging size	400x280xh200 mm, 5 kg	430x320xh200 mm, 5 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz	
Order number 230V	DH.WHP03120	DH.WHP03121
Order number 120V	DH.WHP02120	DH.WHP02121

Accessories:
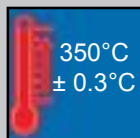
Stand rod RD200 Ø12xL450 mm with stainless steel thread
DH.WHP503036

Holder, clamp and clip
DH.WHP503012

Hotplate
digital, up to 350°C, large ceramic-coated aluminium surface 310x620 mm

350°C
± 0.3°C

HPLP-C-P

HPLP-C-R

HPLP large-type, digital, 350°C

Ideal for:
- sample drying and general lab heating applications where a large surface is needed

Features:
- up to 350°C
- ceramic-coated aluminium plate 310x620 mm
- heat-, chemical- and restricted acid-resistant
- aluminium body
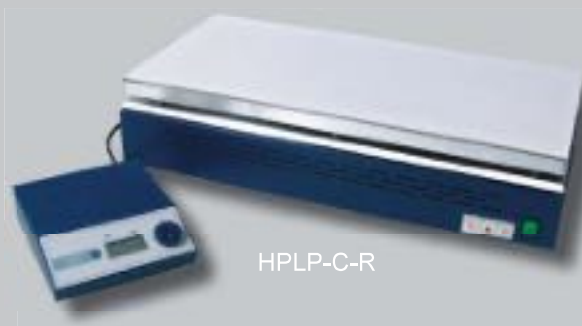- CE certified and unique serial number for tracing

Safety mechanism:
- timer 99h 59min with timer-end signal
- error status
- locking mode
- operation LEDs

Controller:
- HPLP-C-P: *Jog-Shuttle* controller with touch-button
- HPLP-C-R: *Remote controller* with touch-button

Model	HPLP-C-P	HPLP-C-R
Body	aluminium	
Plate	ceramic-coated aluminium 310x620 mm	
Temperature range & accuracy	max. 350°C, ±0.3°C	
Temperature resolution	0.1°C display, 0.5°C control	
Temperature uniformity	specially designed heating module: temperature difference less than 10%	
Heating power / consumption	2kW	
Timer & alarm	99hr 59min (with continuous run), error status and timer-end	
Display	digital LCD with backlight function	
Controller	built-in digital PID controller	digital remote controller
Safety circuit	overheat protection	
Permissible temperature & RH %	ambient temperature +5 ~ 50°C, 85% RH	
Dimension & weight	630x360xh150 mm, 16 kg	
Packaging size	750x430xh220 mm, 18 kg	
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz	
Order number 230V	DH.WHP03024	DH.WHP03025
Order number 120V	DH.WHP02024	DH.WHP02025