

# Hotplate

HP-500

NEW

## Highest performance

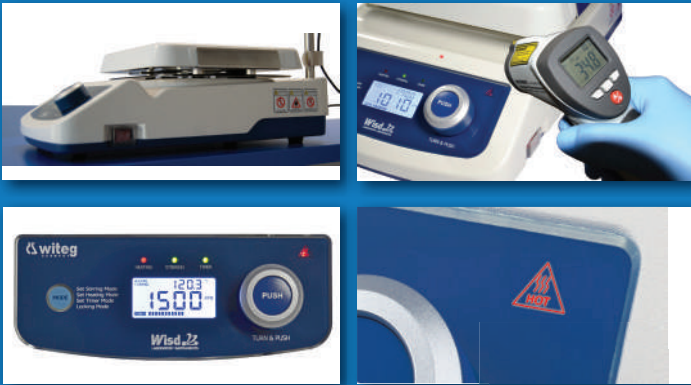
- powerful: temperature up to 500 °C
- protection against corrosion due to the smart design
- superior heat- and chemical-resistant full ceramic plate
- precise temperature by digital feedback control

## 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 danger caused by overheating.



### Accessories

The **external temperature sensor** allows **accurate temperature** due to **digital feedback control system**.

### Safety first

**Hot top indicator lamp** illuminates when temperature on the plate is over 50°C.

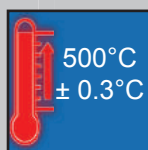
### Controller

New **Jog-Dial "Turn + Push"** and **touch button** are designed for **intuitive, easy and direct use**.

# Hotplate

NEW

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



HP-500 Set

## 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 design: lighter and more compact than 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

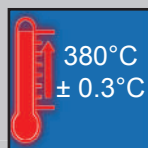
Model	HP-500
Body	powder-coated aluminium
Plate	solid ceramic plate, 200x200 mm
Temperature range & accuracy	max. 500°C, $\pm 0.3^\circ\text{C}$
Temperature resolution	0.1°C display, 0.5°C control
Temperature uniformity	specialty designed heating module: temperature difference less than 10%
Heating power / 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	Unit: DH.WHP01500   Set: DH.WHP00500
Order number 120V	Unit: DH.WHP01501   Set: DH.WHP00501

Set includes: Unit HP-500  
Temperature probe SS500  
Stand rod RD200,  $\varnothing 12 \times L 450$  mm, stainless steel  
Holder / clamp / clip CL220 for fixation of temperature probe

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

# Hotplate

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



## 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

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

# Hotplate

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

## HP-A analog, 70°C - 380°C

### Ideal for:

- sample drying and general lab heating applications

### Features:

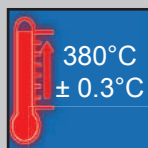
- up to 380°C
- ceramic-coated aluminium plate 180x180 / 260x260 mm
- heat-, chemical- and restricted acid-resistant
- powder-coated body
- CE certified and unique serial number for tracing

### Safety mechanism:

- operation LEDs

### Controller:

- **PWM controller**



HP-20A



HP-30A

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	70°C - 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

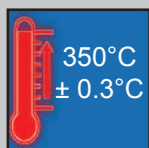
**DH.WHP503036**

Holder, clamp and clip

**DH.WHP503012**

# Hotplate

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



## 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:

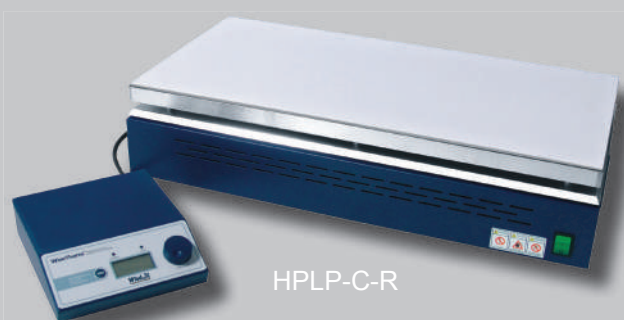
- timer 99h 59min with timer-end signal
- error status
- locking mode
- operation LEDs

### Controller:

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



HPLP-C-P



HPLP-C-R

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