

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.



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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.

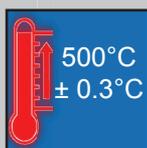
Controller

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

Hotplate

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

NEW



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, ±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	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, Ø12xL450 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