

# Digital Hot Plate / Stirrer New entry level for lab heating & mixing

WH200 / WH210

- > Our laboratory hotplates / stirrers are developed and produced according to high international quality standards.
- > Advanced microprocessor controlling system guarantees the reliability and temperature stability.
- > Bright and clear LED digital display and setting for the working temperature and stirring speed.
- > Memory function for stirring speed and temperature setting, convenient for experiments with fixed conditions.
- > Liquid drainage above the control board to prevent liquids from accessing the system.
- > Direct connection for thermocouple sensor for convenient solution temperature control.
- > WH200 and WH210 are suitable for general laboratory application.
- > When the temperature of the top plate is above 60°C, hot-top indicator will light up for the user's safety protection.



**Standard thermocouple sensor**  
Accurate solution temperature within  $\pm 1^\circ\text{C}$  in general range.



**Safety protection**  
Flashing high temperature indicator, warning for hurt by touch



**Temperature and Speed display**  
WH200 and WH210 display temperature and speed at the same time, and remember the last working parameters



**Liquid drainage**  
Above the control board  
Avoid the solution splashing on the touch board.



**Top plate material**  
WH200 with aluminum plate, WH210 with SS304 plate. WH210 SS304 coated with ceramic



## Specifications

Model	WH200	WH210	WH220
Order No.	400302	400402	400400
Maximum temperature setting [ $^\circ\text{C}$ ]	250	350	380
Maximum temperature setting with E-sensor [ $^\circ\text{C}$ ]	250	350	380
Safety temperature [ $^\circ\text{C}$ ]	280	380	50~430 adjustable
Temperature stability with E-sensor [ $^\circ\text{C}$ ]	$\pm 2$	$\pm 2$	$\pm 2$
Heat output [W]	300	500	500
External temperature sensor	Thermocouple	Thermocouple	Pt100
PID parameter	1 set	1 set	2 sets
Speed setting range [rpm]	100~1500	100~1500	100~1500
Temperature and Speed display	LED display	LED display	LCD display
Temperature and Speed setting	Turning knob	Turning knob	Turning knob
IP code	IP21	IP21	IP21
Top plate material	Aluminium alloy	Stainless steel coated with ceramic	Stainless steel coated with ceramic
Top plate dimensions [mm]	165 x150	180 x145	180 x145
Dimensions W x D x H [mm]	230X200X100	270X230X100	230X200X100
Weight [kg]	1.5	3.0	3.1
Power supply	220V/50Hz	220V/50Hz	220V/50Hz

\* Measured with 500ml water at  $80^\circ\text{C}$

Standard package includes: hot plate / stirrer, thermocouple sensor ( Order No. 600.170.1) with holder and clamp, stirrer bar ( Order No. 1.230.8)