

## Digital Hot Plate / Stirrers

WH420

### Features

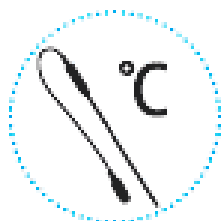
- Advanced microprocessor controlling system guarantees the reliability and temperature stability
- Bright and clear LED digital display and setting for the working temperature, stirring speed, working time, and safety temperature
- Memory function for stirring speed and setting temperature, convenient for experiments with fixed conditions
- Liquid drainage above the control board to prevent liquids from accessing the system
- Direct connection for Pt100 temperature sensor for convenient solution temperature control
- Sealed outer shell and isolated critical parts design for enhanced longevity even in a harsh laboratory environment
- When the temperature of the top plate is above 60°C , hot-top indicator will light up for the user's safety protection
- Anti-corrosion top late is easy to clean, can stand for high temperature(450°C )
- Ceramic coated stainless steel top plate is suitable for relatively mild heating, good for small amount sample or a relatively low temperature for large volume sample



With white coated heating plate!

- Offers excellent chemical resistance
- Easy to clean

## Characteristics



Standard PT100 temperature sensor  
Accurate solution temperature within  $\pm 1^{\circ}\text{C}$  in general range.



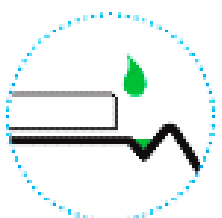
LCD / LED selectable  
Simultaneously displaying various parameters, memory of the last working parameters.



Ceramic or ceramic glass top plate  
Great anti-corrosive ability to acid, base, or organic solvents.



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



Liquid drainage above the control board  
Avoid the solution splashing on the touch board.

## Specifications

Model	WH420
Display Mode	LED
Top Plate Temperature Range ( $^{\circ}\text{C}$ )	50~300
Solvent Temperature (Pt100 sensor)( $^{\circ}\text{C}$ )	40~300
Temperature Stability (Pt100sensor)( $^{\circ}\text{C}$ )	$\pm 2$
Safety Temp. ( $^{\circ}\text{C}$ )	370
Rotating Speed (rpm)	150~1200
Heating Capacity (W)	1000
Max. Capacity (L)H <sub>2</sub> O	20
Top Plate Material	Aluminum coated with ceramic
Timer (min)	--
Number of stirring positions	4
PID Parameters	1 set of PID
Interface	RS232
High Temperature Protection $\Delta T(^{\circ}\text{C})$	--
Top Plate Dimensions (mm)	320x320
Dimensions (mm)	380x320x70
Order No.	400315

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