

## Infrared hot plate / Stirrer (Parallel heating and mixing) WH240-R



- > Advanced microprocessor controlling system guarantees the reliability and temperature stability
- > Bright and clear LCD 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 touching board and the electronics
- > 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
- > New enhanced infrared heating element, is a type of high temperature hot plate stirrer with very high heating density, can reach a high media temperature
- > High safety protection: When exceeding the safety range of the hotplate (50°C more than the setting temperature) or solution (adjustable for WH240-R), the heating can be shut off immediately and automatically for the safety protection



Standard PT100 temperature sensor  
Accurate solution temperature with in  $\pm 2^{\circ}\text{C}$  in general range.



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



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



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



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

## Specifications

Model	WH240-R
Display Mode	LCD
Control	Digital set and control
Max. Hot Plate Temperature ( $^{\circ}\text{C}$ )	500 (Continuous)
Max. Solvent Temperature (Pt100 sensor) ( $^{\circ}\text{C}$ )	300
Temperature Stability (Pt100sensor)( $^{\circ}\text{C}$ )	$\pm 2$
Safety Temp. ( $^{\circ}\text{C}$ )	50~550 adjustable
Rotating Speed (rpm)	100~1200
Heating Capacity (W)	600
Max. Capacity (L) H2O	20
Top Plate Material	Ceramic glass
Top Plate Dimensions (mm)	$\varnothing 135$
Dimensions (mm)	225x215x115
High Temperature Protection ( $\Delta T$ )	<b>50<math>^{\circ}\text{C}</math></b> ( Factory set value 50 $^{\circ}\text{C}$ ,10-50 $^{\circ}\text{C}$ adjustable)
Timer (min)	1 - 1999 / continuous
PID Parameters	2 set of PID
Communication	USB (COM)
Interface	USB
Order No.	400501

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