

# Multi-position hot plate/stirrer

WH420R-L / 620R-L / WH420R-D / 620R-D

- > WIGGENS multi-position heat magnetic stirrer, each position can work independently, ceramic glass plate has excellent chemical corrosion resistance, easy to clean. Efficient infrared heating technology ensures high efficiency and accuracy of temperature control. Ceramic glass plate are resistant to heat impact over 700°C .
- > The control panel is made of waterproof and anti-corrosion material, which protects the panel from damage caused by splashing or spilling of liquid.
- > The WH420R /WH620R series is configured with three sets of PID parameters, which are optional from the menu. PID1 is suitable for small sample heating (small volume or small specific heat capacity), PID 3 is suitable for a large vol of samples for rapid heating.
- > Each position is independent display, control system; Each of them is equipped with separate safety temperature control and monitoring.



WH420R-L



WH620R-D

Standard package includes: Main unit/sensor and holder (match the number of working position)

## Specifications



Model	WH420R-L	WH620R-L	WH420R-D	WH620R-D
Order no.	W3010415	W3010416	W3010425	W3010426
Maximum temperature setting [°C]	450	450	450	450
Maximum temperature setting with E-sensor [°C]	300	300	300	300
Safety temperature [°C]	50-500 adjustable	50-500 adjustable	50-500 adjustable	50-500 adjustable
High temperature protection [°C]	10-50 adjustable	10-50 adjustable	10-50 adjustable	10-50 adjustable
Temperature stability with E-sensor [°C]*	±1	±1	±1	±1
Heat output, each position/set [W]	500W/2000W	500W/3000W	500W/2000W	500W/3000W
External temperature sensor	Pt100	Pt100	Pt100	Pt100
Temperature control	3	3	3	3
Speed setting range [rpm]	100-1500	100-1500	100-1500	100-1500
Stirring quantity max [L / H <sub>2</sub> O]	20L	20L	20L	20L
Display/Control	Independent control LCD digital display/knob operation			
Time setting	1~999min/continuous	1~999min/continuous	1~999min/continuous	1~999min/continuous
Top plate material	Ceramic glass	Ceramic glass	Ceramic glass	Ceramic glass
Top plate dimension [mm]	Ø135	Ø135	Ø135	Ø135
Communicate interface.	USB-A	USB-A	USB-A	USB-A
Dimensions W*D*H (Sensor set's not included)	786*309*113mm	1180*309*113mm	388*473*138mm	582*473*138mm
Weight (Kg)	15.5	23.5	15.8	23.8
Power supply	220V/50Hz	220V/50Hz (2xpower plugs)	220V/50Hz	220V/50Hz (2xpower plugs)

\*Measured with 500ml water at 80 °C