

Infrared Hot Plate / Stirrer

Intelligent heating technology for powerful heating

WH390 / WH395-NH / WH395 UP to 1800W heating power

1.8kW



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



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



Rapid heating up speed.
Temperature can reach up to 550°C , and one liter of water can be boiled in approx. 9 minutes
(Measured in 2L glass flask at 25°C ambient temperature and 1bar air pressure)



Intelligent PID (WH390)
Suitable for different application, for accurately controlling the quick heating of small samples and the temperature stability of large samples..



Intelligent Cascade Control (WH395)
self-optimizing, for optimal results.
Good temperature stability



Heating power
With 1800W heating power, rapid heating up speed.
2000W (WH390-NH)

WH390 presets 3 sets of PID for different volume heating application. WH395 uses advanced ICC technology to self-optimize for optimal results. WH390 has LCD display and WH395 has TFT



Specifications

Model	WH390	WH390-NH NEW	WH395
Order no.	W3013902	W3013903	W3013953
Maximum temperature setting [$^\circ\text{C}$]	550	450	450
Maximum temperature setting with E-sensor [$^\circ\text{C}$]	300	300	300
Safety temperature [$^\circ\text{C}$]	50~600 adjustable	50~500 adjustable	50~500 adjustable
High temperature protection [$^\circ\text{C}$]	10~50 adjustable	10~50 adjustable	10~50 adjustable
Temperature stability with E-sensor [$^\circ\text{C}$]*	± 1	± 1	± 1
Heat output [W]	1800	2000	1800
External temperature sensor	Pt100	Pt100	Pt100
Temperature control	PID, 3 sets	PID, 3 sets	ICC
Speed setting range [rpm]	100~1500	100~1500	100~1500
Stirring quantity max [L / H2O]	30	30	30
Display	LCD	LCD	TFT
Mixing direction	Clockwise	Clockwise	Clockwise or counterclockwise
Time setting	1~1999min / continuous	1~1999min / continuous	1~1999min / continuous
IP code	IP21	IP21	IP21
Top plate material	Ceramic glass	Ceramic glass	Ceramic glass
Top plate dimensions [mm]	280x280	280x280	280x280
Communicate interface.	RS232/485		
Dimensions W x D x H [mm]	290x450x120	290x450x80	290x450x120
Weight (Kg)	4.1	4.1	4.1
Power supply	220V/50HZ	220V/50HZ	220V/50HZ

*Measured with 500ml water at 80°C

Standard package includes: Hot plate / stirrer, thermocouple sensor PT100-01 with holder and clamp, stirrer bar (Order No. 1.230.8)