

Infrared Hot Plate / Stirrer

Intelligent heating technology for your very demanding applications

WH380 / WH385 UP to 1200W heating power

1.2kW



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



Extra large heating plate
Top plate dimensions: 280x280mm
Heating zone: $\varnothing 190\text{mm}$



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)



Touch controller (WH385)
with comfortable and easy operation



Heating power
With 1200W heating power, rapid heating speed.



WH380

WH385

Attractive designs for heating, stirring and controlling

WH380 presets 3 sets of PID for different volume heating application. WH385 uses advanced ICC technology to self-optimize for optimal results. WH380 has LCD display and WH385 has TFT

Specifications

Model	WH380	WH385
Order no.	W3013803	W3013853
Maximum temperature setting [$^\circ\text{C}$]	550	550
Maximum temperature setting with E-sensor [$^\circ\text{C}$]	300	300
Safety temperature [$^\circ\text{C}$]	50~600 adjustable	50~600 adjustable
High temperature protection [$^\circ\text{C}$]	10~50 adjustable	10~50 adjustable
Temperature stability with E-sensor [$^\circ\text{C}$]*	± 1	± 1
Heat output [W]	1200	1200
External temperature sensor	Pt100	Pt100
Temperature control	PID, 3 sets	ICC
Speed setting range [rpm]	100~1500	100~1500
Stirring quantity max [L / H ₂ O]	30	30
Display	LCD	TFT
Mixing direction	Clockwise	Clockwise or counterclockwise
Time setting	1~1999min / continuous	1~1999min / continuous
IP code	IP21	IP21
Top plate material	Ceramic glass	Ceramic glass
Top plate dimensions [mm]	280x280	280x280
Communicate interface.	RS232/485	RS232/485
Dimensions W x D x H [mm]	282x450x115	282x450x115
Weight (Kg)	4.0	4.0
Power supply	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)