Laboratory Hotplate Stirrers WH260-H

Attractive design for demanding heating & mixing

- > 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 (10-50℃ adjustable) , the heating can be shut off immediately and automatically for the safety protection.
- > 3 sets of PID parameters, suitable for accurate control of small amount sample（small volume or specific heat）, and quick heating and stable temperature of large volume sample.

LCD display
Simultaneously displaying various parameters, memory of the last working parameters.

Standard PT100 temperature sensor
Accurate solution temperature with in ±1℃ in general range.

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

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

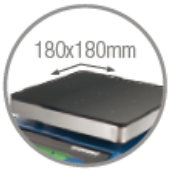
Safety protection
Flashing high temperature indicator, warning for hurt by touch.

The large LCD display is used to show and control all functions.

3 sets of PID
Suitable for different application, for accurate control of small amount samples to quick heating and stable temperature of large volume sample.

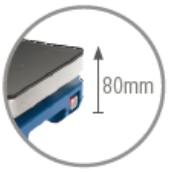
Glass ceramic by Schott combines chemical resistance, top quality surfaces and resistance to temperature shocks of greater than 700℃ .

Heating power
WH260-H with 1000w power, rapid heating speed.



WH260-H
Plate dimension: 180x180mm

Safety Temperature is an adjustable temperature safety circuit that prevents from exceeding a specified set temperature.



Height: Only 80mm

Overheating protection

The casing is resistant to corrosion, stable and hermetically sealed from above and so guarantees long and problem free use.

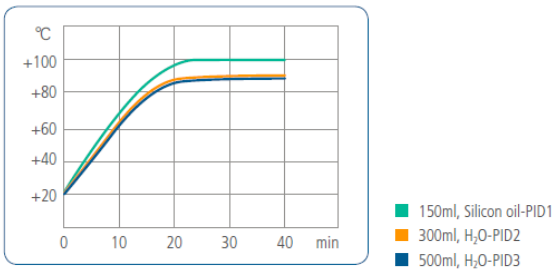
Set temperature can be adjusted easily. It is used to safely heat the medium until the set temperature is reached

Easy to operate thanks to rotating knobs control panel.

The heating capacity of WH260-H

WH260-H has three sets of PID parameters selectable from the menu, PID1 suitable for accurate control of small amount sample（small volume or specific heat）, and PID3 is suitable for quick heating and stable temperature of large volume sample.

WH260-H Heating curve



Note: Above data is based on the 220V/50Hz instrument with pure water (H_2O) and simethicone (Silicon Oil).

Specifications

Model	WH260-H
Display Mode / Control type	LCD Digital Display /Knob Control
Max. Hot Plate Temperature (℃)	500
Max. Solvent Temperature (thermocouple sensor) (℃)	300
Temperature Stability (thermocouple sensor)(℃)	±2
Safety Temp. (℃)	50-550 adjustable
Rotating Speed (rpm)	100~1500
Heating Capacity (W)	1000
Motor	DC brushless motor, 12W
Max. Capacity (L)H_2O	20
Top Plate Dimensions(mm)	180x180
High Temperature Protection (ΔT)	10-50℃ adjustable
Timer(min)	1 - 1999 / continuous
Top Plate Material	Ceramic glass
PID Parameters	3 sets
Communication	USB(COM)
Interface	USB
Order No.	400601

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