

Digital Hot Plate / Stirrers WH240-HT



- > 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 system
- > 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
- > When the temperature of the top plate is above 60°C, hot-top indicator will light up for the user's safety protection



Standard PT100 temperature sensor
Accurate solution temperature within $\pm 2^{\circ}\text{C}$ 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 or ceramic glass top plate
Great anti-corrosive ability to acid, base, or organic solvents.

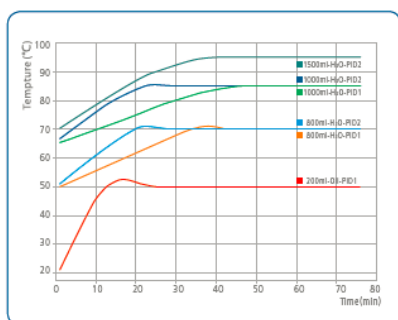
HT serial - Advantages and Applications

- > Chemical resistant ceramic glass plate with excellent anti-thermal-shock characteristics, robust and easy to clean with an attractive appearance as well as practical reliability
- > Very quick obtainment of desired high media temperature, which low temperature models can not reach
- > High safety protection: When exceeding the safety range of the hotplate (50°C more than the setting temperature) or solution (adjustable for WH240-HT), the heating can be shut off immediately and automatically for the safety protection
- > Two sets of PID parameters (WH240-HT) suitable for quick heating of large volume sample or accurate control of small amount sample

The heating capacity of WH240-HT

WH240-HT has two sets of PID parameters selectable from the menu, PID1 suitable for accurate control of small amount sample (small volume or specific heat), and PID2 is suitable for quick heating and stable temperature of large volume sample.

WH240-HT Heating curve



Note: Above data is based on the 220V/50Hz instrument with pure water (H₂O) and simethicone (Silicon Oil).

Specifications

Model	WH240-HT
Display Mode	LCD
Max. Hot Plate Temperature (°C)	500
Max. Solvent Temperature (Pt100 sensor) (°C)	300
Temperature Stability (Pt100sensor)(°C)	±2
Safety Temp. (°C)	50~550 adjustable
Rotating Speed (rpm)	100~1200
Heating Capacity (W)	600
Max. Capacity (L)H ₂ O	20
Top Plate Material	Ceramic glass
Timer (min)	1 - 1999 / continuous
PID Parameters	2 set of PID
Interface	USB
Top Plate Dimensions (mm)	150x190
Dimensions (mm)	225X215X115
High Temperature Protection Δ T(°C)	10~50 adjustable
Order No.	400401

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