

Model WD-9402M



Feature

- Elegant appearance, compact size, and tight structure.
- Equipped with a high-performance, quiet axial-flow fan for a quieter operational process.
- Features a wide gradient function of 30°C, allowing optimization of experimental conditions to meet rigorous experimental requirements.
- 5-inch high-definition color touchscreen for intuitive and easy operation, enabling effortless editing, saving, and running of programs.
- Industrial-grade operating system, facilitating continuous and error-free operation 7x24.
- Rapid data transfer to USB flash drive for easy program backup, enhancing data storage capacity.
- Advanced semiconductor cooling technology and unique PID temperature control technology elevate overall performance to new heights: high temperature control accuracy, fast heating and cooling rates, and uniformly distributed module temperatures.

Application

Ideal for thermal cycling and protocol optimization in molecular biology, medical, food, genetic testing and etc

Specification

Model	WD-9402M
Capacity	96×0.2ml
Tube	96x0.2ml(PCR plate without/semi skirt), 12x8x0.2ml strips, 8x12x0.2ml strips, 0.2ml tubes (height 20~23mm)
Block Temperature Range	0-105℃
Block Temperature Accuracy	±0.2℃
Block Temperature Uniformity	±0.5℃
Heating Up Rate (average)	4℃
Cooling down Rate (average)	3℃
Temperature Control	Block/Tube
Gradient Temp. Range	30-105℃
Max.Heating Rate	5℃/s
Max.Cooling Rate 4.5℃ /S	4.5℃/s
Gradient Set Span	Max. 42℃
Gradient Temperature Accuracy	±0.3℃
Temperature display accuracy	0.1℃
Heating Lid Temperature range	30℃ ~110℃
Automatically Heating Lid	Shut off automatically when sample lower than 30℃ or program over
Timer Increasing / Decreasing	-599~599 S for Long PCR
Temperature Increasing / Decreasing	-9.9~9.9℃ for Touchdown PCR
Timer	1s~59min59sec/ Infinite
Programs stored	10000+
Max.Cycles	99
Max.Steps	30
Pause Function	Yes
Touchdown Function	Yes
Long PCR Function	Yes
Language	English
Program Pause Function	Yes
16℃ Temperature Holding Function	Infinite
Real-time operation status	Image-text displayed
Communication	USB 2.0
Dimensions	200mm× 300mm× 170mm (W×D×H)
Weight	4.5kg
Power Supply	100-240VAC , 50/60Hz, 600W