

Model WD-9402D



Feature

- High heating and cooling rate, max. Ramping rate 8 °C/s
- Automatic restart after power failure. When power is restored it can continue to run unfinished program.
- One-click quick incubation function can meet experiment's needs such as denaturation, enzyme cutting/enzyme-link and ELISA.
- Hot lid temperature and hot lid work mode can be set to meet different experiment's need

Application

Genome cloning; Asymmetric PCR preparation of single-stranded DNA for DNA sequencing; Inverse PCR for determination of unknown DNA regions; reverse transcription PCR (RT-PCR) For detecting gene expression level in cells, and amount of RNA virus and direct cloning of cDNA with specific genes; rapid amplification of cDNA ends; detection of gene expression; can be applied to the detection of bacterial and viral diseases; diagnosis of genetic diseases; diagnosis of tumors; medical research such as forensic physical evidence, cannot be used in medicine clinical research.

Specification

Model	WD-9402D
Capacity	96×0.2ml
Tube	0.2ml tube, 8 strips, Half skirt 96 wells plate, No skirt 96 wells plate
Reaction Volume	5-100ul
Temperature Range	0-105°C
MAX. Ramp Rate	5°C/s
Uniformity	≤±0.2°C
Accuracy	≤±0.1°C
Display Resolution	0.1°C
Temperature Control	Block/Tube
Ramping Rate Adjustable	0.01-5°C
Gradient Temp. Range	30-105°C
Gradient Type	Normal Gradient
Gradient Spread	1-42°C
Hot Lid Temperature	30-115°C
Number of Programs	20000 +(USB FLASH)
Max. No. of Step	40
Max. No. of Cycle	200
Time Increment/Decrement	1 Sec - 600 Sec
Temperature Increment/Decrement	0.1-10.0°C
Pause Function	Yes
Auto Data Protection	Yes
Hold at 4°C	Forever
Touchdown Function	Yes
Long PCR Function	Yes
Language	English
Computer Software	Yes
Mobile phone APP	Yes
LCD	10.1 inch, 1280×800 pels
Communication	USB2.0 , WIFI
Dimensions	385mm× 270mm× 255mm (L×W×H)
Weight	10kg
Power Supply	100-240VAC , 50/60Hz , 600 W