



Smart Gradient PCR DW-B960 (Polymerase Chain Reaction)

Reliable guarantee for the accuracy of the temperature

◆ Specifications

Gradient PCR:

1. 12 channel temperature probes detect simultaneously
2. Adopt the Windows CE operation system
3. Adjustable lid

12 channel temperature probes detect simultaneously, which ensure the homogeneity of sample temperature. The hermetic space technique can efficiently eliminate PCR margin reaction. The technique of outside temperature probe tracing the inside curve testing can effectively ensure the accuracy of sample temperature.

Temperature extended control mode which is closer to required experiment temperature control and is able to effectively avoid the system error caused by the disaccord of the temperature points among the instrument's display temperature, actual block temperature and the temperature required for reagents. So as to improve the accuracy of the experiment and ensure the high efficiency. Strict temperature control debugging program makes sure that each instrument can meet the needs of different experiment.

◆ Feature

Convenient and flexible module replacement mode

Sealed sample design for low temperature preservation, clean and dry .

Two-stage hot lid pressure regulator ensures good sealing performance

Gold-plated or silver-plated module improves the efficiency of heat conduction

makes the experiment more effective

Large size and color super-high-definition LCD screen.

Intuitive and user-friendly interface makes programming quick and easy

Infinitely adjustable lid knob, suitable for various types of the tube.

Memory function in case of power-down.

Low noise, low energy consumption, long application life.

Heated lid could be stopped at any angle.

Metal material lid, more reliable and safe.

Hard disk and mouse can be linked.

Linked with PC for its multiple control.

Windows operating system.



Convenient, free-charge program upgraded.

Long distance trouble judgment.

Achieve Circulation nesting.

110-220V international general voltage.

◆ Parameter

Capacity	96×0.2mL(A); 54×0.5mL(B); 96×0.2mL+77×0.5mL(C); 384well(D)
Temp range	0℃~99℃(Rt≤30℃)
Max heating rate	≥4.5℃/s
Max cooling rate	≥4℃/s
Heating/cooling rate	0.1℃/s-4℃/s (Adjustable)
Uniformity	≤±0.2℃
Accuracy	≤±0.1℃
Gradient temp range	30~99℃
Gradient spread	1~30℃
Gradient Uniformity	≤0.2℃
Heated lid temp	20~110℃
Environment model	automatic identification
Temp control	block, tube (10~100 μl can be used) , calculated
Stored program No.	1000
Max. No. of cycle	999
Display	5.7"LCD
Communication	USB2.0、Rs232、RJ45
Size	380mm(L)x270mm(W)x250mm(H)
Weight	7.8kg

