



# GRADIENT PCR THERMAL CYCLER BFJ-1303

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## DUAL BLOCK GRADIENT PCR THERMAL CYCLER



1. Long service life Peltier heating units.
  2. High heating and cooling rate, max. ramping rate 9.5°C/s, can save your precious time.
  3. Double blocks design, The types of gradients include normal gradients, linear gradients.
  4. Air channel is in front and back and it allows machine placed side by side.
  5. Hot lid temperature is adjustable to meet different experiments need.
  6. Wifi unit is built in and user can control many units of PCR through mobile App.
  7. Dual Block
  8. Experimental Fas
- The unique dual block design, can run two different programs at the same time. 0

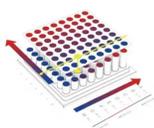
## SPECIFICATIONS

Model	BFJ-1303
Capacity	64x0.2ml (A Block) +32x0.2ml (B Block)
Formats	0.2ml tube, 0.2ml 8 strips
Reaction Volume	5-120µl
Temperature Range	0-105°C
MAX Ramp Rate	9.5°C/s
Uniformity	≤±0.2°C
Accuracy	≤±0.1°C
Display Resolution	0.1°C
Temperature Control	Block/Tube
Ramping Rate Adjustable	0.01-9.5°C/s
Hold at 4°C	Forever
Gradient Temp. Range	30-105°C
Gradient Type	Normal/Linear (A Block)(B Block)
Gradient Spread	0.1-30°C
Hot Lid Temperature	30-115°C
Number of Programs	200,000+ (USB FLASH)
Max. No. of Step	40 (Multiple nested PCR experiments)
Max. No. of Cycle	200 (Up to 100,000 in nested cycles)
Time Increment/Decrement	1s-600s, Long PCR is available
Temp. Increment/Decrement	0.1-10.0°C, Touchdown PCR is available
Pause Function	Yes
Auto Data Protection	Yes
Temperature Curve	Record hot lid and module temperatures in real time with a 60-minute recording time on a single page and a sliding view
GLP Report	Record the running information of each step of the program, and can export CSV, PDF format report
File Encryption Function	Individual program files can be encrypted
User Management Privilege	Three levels of access (administrator, user, guest)
Email Notification	Email notification after experiment is over
Lock Screen Function	Prevents accidental termination of the program being experimented on
PC-LINK Function	Simultaneous on-line monitoring of more than 250 instruments
Mobile Phone APP	Simultaneous on-line monitoring of more than 250 instruments

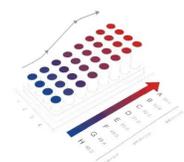
Communication	USB 2.0, WIFI
Dimensions	385mmx270mmx255mm(LxWxH)
Weight	11kg
Power Supply	100-240VAC,50/60Hz,1200W
Alt Name	Dual Block Gradient PCR Thermal Cyclers

## FEATURES

1. Long service life Peltier heating units.
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4. Air channel is in front and back and it allows machine placed side by side.
5. Hot lid temperature is adjustable to meet different experiments need.
6. Wifi unit is built in and user can control many units of PCR through mobile App.
7. Dual Block
8. Experimental Fas



The unique dual block design, can run two different programs at the same time. One device two uses.



B Block can be set up with normal gradients and linear gradients.



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