



GRADIENT PCR THERMAL CYCLER BFJ1M3

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TRIPLE GRADIENT PCR THERMAL CYCLER



1. Long service life Peltier heating units.
2. Reinforced aluminum module with anodizing technology can keep rapid heating-conducting property and have enough corrosion resistance.
3. Self-adapting pressure hot lid makes closing lid and tightening lid in one step.
4. The running program and left time can be displayed in real time, allow to edit file when program is running.
5. Email notification after experiment is over.
6. WIFI module built-in, one unit can control multiple PCR machine through computer or cell phone with internet connection.
7. Rapid Experiment
8. Triple Block Design

SPECIFICATIONS

Model	BFJ1M3
Capacity	3x32x0.2ml
Formats	0.2ml tube, 8 strips
Reaction Volume	5-120 μ l
Temperature Range	0-105°C
MAX. Ramp Rate	9.5°C/s
Uniformity	$\leq \pm 0.2^\circ\text{C}$
Accuracy	$\leq \pm 0.1^\circ\text{C}$
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
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	1Sec-600 Sec, 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,600w
Alt Name	Triple Gradient PCR Thermal Cycler



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