



THERMAL CYCLER BTHC-109

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TRIPLE BLOCK THERMAL CYCLER



1. 6 long service life Peltier heating units and form 3 circuits to control 3 temperature zones.
2. High heating and cooling rate, max. ramping rate 5°C/s, can save your precious time.
3. 3 blocks independently controlled and can run 3 different PCR gradient programs simultaneously.
4. Automatic restart after power failure. When power is restored it can continue to run unfinished program.
5. WIFI module built-in, one unit can control multiple PCR machine through computer or cell phone with internet connection.
6. Email notification after experiment is over.
7. Triple Block

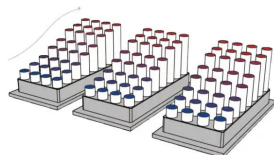
SPECIFICATIONS

Model	BTHC-109
Capacity	3x(32x0.2ml)
Formats	0.1/0.2ml, 8 strips
Reaction Volume	5-120µl
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/s
Hold at 4°C	Forever
Gradient Temp. Range	/
Gradient Spread	/
Hot Lid Temperature	30-115°C
Hot Lid Height Adjustable	Stepless Adjustable
Number of Programs	200,000+ (USB FLASH)
Max. No. of Step	30 (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
GLP Report	Record the running information of each step of the program to provide accurate data support for the analysis of experimental results
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

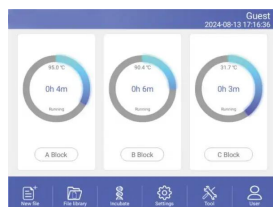
Mobile Phone APP	Simultaneous on-line monitoring of more than 250 instruments
LCD	8 inch, 800x600 Pixels
Communication	USB 2.0,LAN,WIFI
Dimensions	390mmx270mmx255mm(LxWxH)
Weight	9kg
Power Supply	100-240VAC,50/60Hz,600W
Alt Name	Triple Block Thermal Cycler (General)

FEATURES

1. 6 long service life Peltier heating units and form 3 circuits to control 3 temperature zones.
2. High heating and cooling rate, max. ramping rate 5°C/s, can save your precious time.
3. 3 blocks independently controlled and can run 3 different PCR gradient programs simultaneously.
4. Automatic restart after power failure. When power is restored it can continue to run unfinished program.
5. WIFI module built-in, one unit can control multiple PCR machine through computer or cell phone with internet connection.
6. Email notification after experiment is over.
7. Triple Block
8. Independent Control



Triple block gradient



The running program and left time can be displayed in real time , allow to edit file when program is running



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