



THERMAL CYCLER BTHC-117

THERMAL CYCLER BTHC-117

THERMAL CYCLER



1. 8 pcs long service life Peltier heating units and form 4 circuits to control 4 temperature zones and allow double block gradient function.
2. GLP report records every step to provide accurate data support for experiment result analysis.
3. Multiple blocks can be replaced. When dual block are selected, it can run 2 different PCR programs simultaneously.
4. The running program and left time can be displayed in real time, allow to edit file when program is running.
5. Built-in WIFI module, one machine can control multiple PCR machines at the same time through mobile APP or PC software.
6. Email notification after experiment is over.
7. Powerful

SPECIFICATIONS

Model	BTHC-117
Capacity	Double 48x0.2ml
Formats	0.1/0.2ml tube, 8 strips
Reaction Volume	5-120 μ l
Temperature Range	0-105°C
MAX. Ramp Rate	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	0.01-5°C/s
Hold at 4°C	Forever
Gradient Uniformity	$\leq\pm 0.2^\circ\text{C}$
Gradient Accuracy	$\leq\pm 0.2^\circ\text{C}$
Gradient Temp. Range	30-105°C
Gradient Spread	0.1-30°C
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
Communication	USB 2.0,LAN,WIFI
Dimensions	390mmx270mmx255mm(LxWxH)
Weight	9kg
Alt Name	Thermal Cyclers

FEATURES

1. 8 pcs long service life Peltier heating units and form 4 circuits to control 4 temperature zones and allow double block gradient function.
2. GLP report records every step to provide accurate data support for experiment result analysis.
3. Multiple blocks can be replaced. When dual block are selected, it can run 2 different PCR programs simultaneously.
4. The running program and left time can be displayed in real time, allow to edit file when program is running.
5. Built-in WIFI module, one machine can control multiple PCR machines at the same time through mobile APP or PC software.
6. Email notification after experiment is over.
7. Powerful
8. Up To 18 Blocks Can Be Chosen



Reinforced aluminum module with anodizing technology can keep rapid heating-conducting property and have enough corrosion resistance



Large data storage capacity, up to 200, 000 files can be stored



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
 Email: info@biolabscientific.com | Website: www.biolabscientific.com