BioLAB

THERMAL CYCLER BTHC-106

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1. Six pieces of long service life Peltier heating units and form 3 circuits to control 3 temperature zones.
2. Android operating system, capacitive touch screen, high-definition TFT display (8", 800x600 pixels, 16 colors) with graphical interface provides easy use for setting up and monitoring.
3. The running program and left time can be displayed in real time, allow to edit file when program is running.
4. Hot lid temperature and hot lid work mode can be set to meet different experiments need.
5. Built-in WIFI module, one machine can control multiple PCR machines at the same time through mobile APP or PC software.
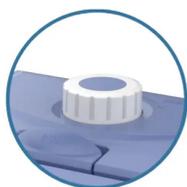6. Email notification after experiment is over.

SPECIFICATIONS

Model	BTHC-106
Capacity	96x0.2ml
Formats	0.1/0.2ml tube, 8 strips, 12 strips, Half skirt 96 wells plate, No skirt 96 wells plate
Reaction Volume	5-120µl
Temperature Range	0-105℃
MAX. Ramp Rate	4.5℃/s
Uniformity	≤±0.2℃
Accuracy	≤±0.1℃
Display Resolution	0.1℃
Temperature Control	Block/Tube
Ramping Rate Adjustable	0.01-4.5℃/s
Hold at 4℃	Forever
Gradient Uniformity	≤±0.2℃
Gradient Accuracy	≤±0.2℃
Gradient Temp. Range	30-105℃
Gradient Spread	0.1-30℃
Hot Lid Temperature	30-115℃
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℃, 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

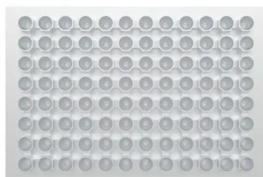|	
PC-LINK Function	Simultaneous on-line monitoring of more than 250 instruments
Mobile Phone APP	Simultaneous on-line monitoring of more than 250 instruments
Communication	USB 2.0,LAN,WIFI
Dimensions	390mmx270mmx255mm(LxWxH)
Weight	9kg
Alt Name	Thermal Cycler

FEATURES

1. Six pieces of long service life Peltier heating units and form 3 circuits to control 3 temperature zones.
2. Android operating system, capacitive touch screen, high-definition TFT display (8", 800x600 pixels, 16 colors) with graphical interface provides easy use for setting up and monitoring.
3. The running program and left time can be displayed in real time, allow to edit file when program is running.
4. Hot lid temperature and hot lid work mode can be set to meet different experiments need.
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. Intelligent Economic
8. Convenient
Features

Stepless adjustable hot lid, fit tubes of different heights to avoid tube melt and evaporation.

Block

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