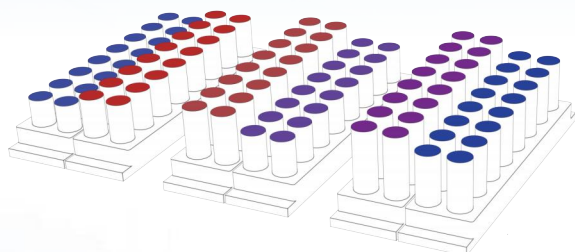


RePure-T(G)

Triple block thermal cycler



triple block gradient

Description

RePure T(G) triple block thermal cycler has Android operation system and 10.1 inch capacitive touch screen. 3 blocks can run gradient experiments independently; Air channel is in front and back and it allows machine placed side by side. Self-adapting pressure hot lid makes closing lid and tightening lid in one step. It has long service life peltier heating units and max. ramping rate is 7.5°C/s and cycle times is more than 1000,000. Wifi unit is built in and user can control many units of PCR through mobile App.

- **Innovation Research**
- **Max ramping rate 7.5°C/s**
- **Triple block, one machine three different uses**

Feature

- **Automatic power off protection, ensuring the safe operation**
- **Ramping rate 7.5°C/s, can save your precious time**
- **3 blocks can run gradient experiments independently to improve the efficiency**
- **Real-time display program and remaining time, support to edit program while running**

Parameters

Model/Specification	
Model No.	RePure-T (G)
Capacity	3×(16×2×0.2ml)
Formats	0.2ml tube, 8 strips
Reaction Volume	5-100ul
Temperature Performance	
Temperature Range	0-105°C
MAX.Ramp Rate	7.5°C/s
Uniformity	≤±0.2°C
Accuracy	≤±0.1°C
Display Resolution	0.1°C
Temperature Control	Block/Tube
Ramping Rate Adjustable	0.01-7.5°C/s
Hold at 4 °C	Forever
Gradient Performance	
Gradient Temp. Range	30-105°C
Gradient Type	Dynamic
Gradient Spread	Two independent temp. zones per block,each zone is 0.1-25 °C
Hot Lid Function	
Hot Lid Temperature	30-115 °C
Software Function	
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
Other Performance	
Communication	USB 2.0, WIFI
Dimensions	385mm×270mm×255mm(L×W×H)
Weight	11kg
Power Supply	100-240VAC,50/60Hz,600W