



**Bioer  
Technology**



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# Thermal Cycler GeneExplorer

**NEW**  
**PCR**



**Faster Heating & Cooling Rate**



**More Durable Structure Design**



**Smart Phone App Available**



**User Friendly Interface**

**HANGZHOU BIOER TECHNOLOGY CO., LTD.**



\* All right reserved. Please refer to actual product for true colour representation.

## ▶ PRODUCT FEATURES



### ●●● Intelligent Operation ●●●

A new generation of CPU, 8-inch responsive touch screen, and user-friendly UI design makes your operation simple and faster.



### ●●● Temperature Accuracy ●●●

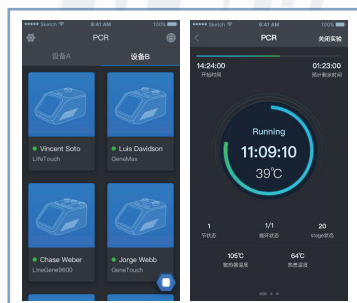
Newly-designed block and tailor-made peltier to ensure exceptional thermal performance and optimize your PCR temperature with good accuracy.



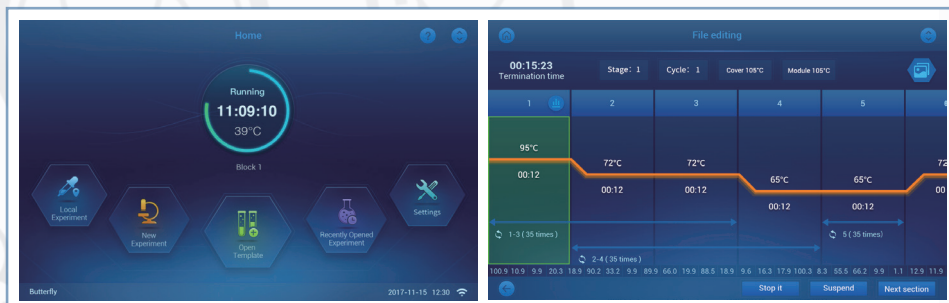
### ●●● Mobile App Sync ●●●

Innovative mobile app and WiFi capability helps to monitor your PCR status with remote control.

## ▶ REMOTE OPERATION INTERFACE



Remote Operation Interface on Mobile Phone App



Operation Interface on Device

## ▶ PRODUCT PARAMETER

Model Name	GeneExplorer			
Product Code	BYQ6617E	BYQ6640E	BYQ6627E	BYQ6631E
Model	GE-96G	GE-48D	GE-48DS	GE-48D
Sample Capacity	96×0.2ml	48x0.2ml 2Blocks	48x0.2ml 2Blocks 3zonesx2	48×0.2ml+48×0.2ml
Temp. Range	4~105°C (min. resolution: 0.1°C)			
Max. Heatine Rate	6°C/sec			
Max. Cooling Rate	5.5°C/sec			
Temp. Uniformity	≤±0.2°C			
Temp. Accuracy	≤±0.2°C ( 30s after reaching 55 , 72 and 95°C respectively)			
Hot-lid Temp. Range	30°C~110°C			
Gradient Temp. Range	1-30°C	1-30°C	—	—
Max. Cycle Number	≥99 , suitable for Nested PCR			
Time up / down	0~9m59s , suitable for Long PCR			
Temp. up / down	0.1~9.9°C , suitable for Touchdown PCR			
Memory	≥2000 programs on board , unlimited with USB flash drive expansion			
Network Connections	USB / LAN / WIFI			
Hot-lid Mode	One-time locking with handle			
Mobile App Compatibility	iOS / Android			
Power Supply	100~240v , 50~60Hz , 600W			
Dimension	420mm×269mm×254mm (L×W×H)			
Net Weight	10.5kg			

\*Data tested at standard laboratories.