

ecogen

Making lab life easier

Thermal Cycler GeneExplorer

NEW
PCR



Faster Heating & Cooling Rate



More Durable Structure Design



Smart Phone App Available



User Friendly Interface



Bioer
Technology



▶ 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.



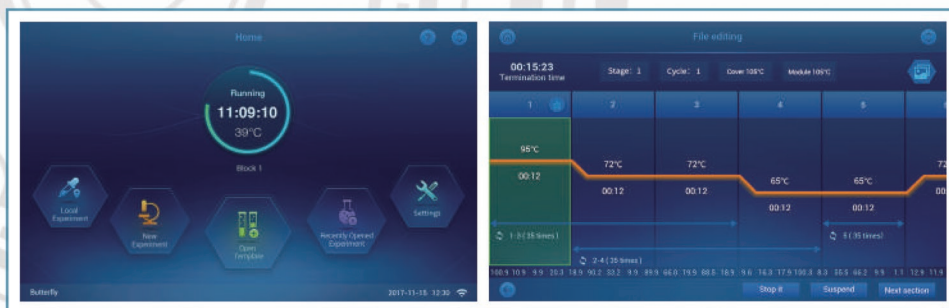
●●● Mobile App Sync ●●●

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	BYQ6627E	BYQ6629E	BYQ6631E	BYQ6640E
Model	GE-96G	GE-48DS	GE-384G	GE-48D	GE-48DG
Sample Capacity	96×0.2ml	48×0.2ml 2 Blocks 3 zones	348 holes ×0.1ml	48×0.2ml (without gradient)	48×0.2ml
Temp. Range	4~105°C (min. resolution: 0.1°C)				
Max ramp rate	5°C/sec	6°C/sec	4°C/sec	5°C/sec	5°C/sec
Temp. Uniformity	≤±0.2°C			≤±0.3°C	≤±0.2°C
Temp. Accuracy	≤±0.1°C				
Hot-lid Temp. Range	30°C~110°C				
Gradient Temp. Range	1-30°C	1-30°C	1-30°C	—	1-30°C
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	600W	220v~50Hz , 1200W		220v~50Hz , 600W	
Dimension	420mm×269mm×254mm (L×W×H)				
Net Weight	12kg				

*Data tested at standard laboratories.