



**Bioer
Technology**



Homepage:
www.bioer.com

Thermal Cyclers **GeneExplorer**

NEW
PCR



Faster Heating & Cooling Rate



More Durable Structure Design



Smart Phone App Available



User Friendly Interface

BIOER TECHNOLOGY CO.



* 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 ●●●

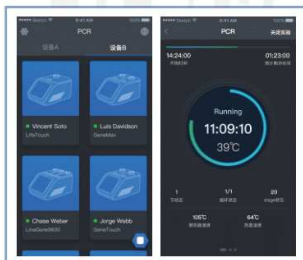
Newly-designed block and tailor-made peltier to ensure exceptional thermal performance and optimize your PCR temperature with good accuracy.



●●● 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	BYQ6629E	BYQ6630E	BYQ6631E
Model	GE-96G	GE-384G	GE-4I	GE-48D
Sample Capacity	96×0.2ml	384 micro plate	4×standard in situ plates	48×0.2ml+48×0.2ml
Temp. Range	4~105°C (min. resolution: 0.1°C)			
Max. Heatrate Rate	6°C/sec			
Max. Cooling Rate	5.5°C/sec			
Temp. Uniformity	±0.2°C			
Temp. Accuracy	≤±0.1°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	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.