



**Bioer  
Technology**

**Biozym**  
SCIENCE IS OUR BUSINESS

**NEW**  
**PCR**

# Thermal Cycler GeneExplorer



**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 ●●●

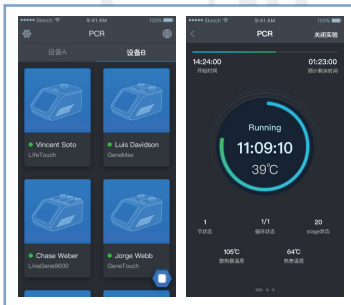
Newly-designed block and tailor-made peltier to ensure exceptional thermal performance and optimize your PCR temperature with good accuracy.



### ●●● 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					
	685132		685136			
Model	GE-96G	GE-48DS	GE-384G	GE-4I	GE-48D	GE-48DG
Sample Capacity	96×0.2ml	48×0.2ml 2 Blocks 3 zones	384 well ×0.02ml	4 object slides	48×0.2ml (without gradient)	48×0.2ml
Temp. Range	4~105°C (min. resolution: 0.1°C)					
Average Cooling Rate	2.5°C/sec	3°C/sec	1.8°C/sec	1.8°C/sec	2.5°C/sec	3°C/sec
Average Heating Rate	3.5°C/sec	3.5°C/sec	2.5°C/sec	2.5°C/sec	3.5°C/sec	3.5°C/sec
Temp. Uniformity	≤±0.3°C	≤±0.25°C	≤±0.3°C	≤±0.3°C	≤±0.4°C	≤±0.25°C
Temp. Accuracy	≤0.2°C					
Hot-lid Temp. Range	30°C~110°C					
Gradient Temp. Difference Range	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	1200W	600W	600W	600W	1200W
Dimension	420mm×269mm×254mm (L×W×H)					
Net Weight	13kg					

\* Data tested at standard laboratories.