



**Bioer
Technology**



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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 ●●●

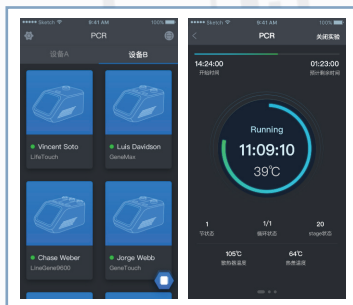
Newly-designed block and tailor-made peltier to ensure exceptional thermal performance and optimize your PCR temperature with good accuracy.



●●● 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 | | | | | |
|---------------------------------|--|---------------------------|------------------|-----------------|-----------------------------|-----------|
| 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.