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GeneExplorer (GE-96S)

GeneExplorer series is a new generation of gene amplification instrument launched by Bioer Technology. Adopt the new family design concept, combined with 8 inch color LCD screen, the appearance is simple and beautiful, optimized structure design is more durable.

The products continue the consistent precision temperature control characteristics of Bioer Technology, using imported alloy materials, with the upgraded bottom cooling module, using the advanced thermoelectric refrigeration technology of ITI from the United States and the Japanese quality management mode of thermoelectric refrigeration components, stable and reliable performance, so that the temperature control module performance is equal to the imported brand. The automatic hot cover can adjust the height and pressure according to the actual use state to adapt to different reaction tubes, effectively prevent the evaporation and contamination of reagents.



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.



Product parameters

Model Name	GeneExplorer
Model	GE-96S
Sample Capacity	96×0.2mL 6 zones or 96×0.1mL 6 zones suitble for 0.1ml/0.2ml PCR tube/half-skirt PCR plate/non-skirt PCR plate
Temp. Range	4~105°C (min. resolution: 0.1°C)
Average heating rate	≥4.8°C/s
Average cooling rate	≥3.2°C/s
Max heating rate	7°C/s
Max cooling rate	6°C/s
Temp. Uniformity	≤±0.25°C
Temp. Accuracy	≤0.2°C
Memory	2000, USB flash support
Network Connections	USB/LAN/WIFI
Hot-lid Mode	One-time locking with handle
App Mobile App	Support
Power Supply	1200W
Size (mm)	420×269×254 (L×W×H)
Weight	13kg

Data tested at standard laboratories.

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