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Technology**



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Thermal Cycler

GeneExplorer 2x96-well PCR System

Higher throughput and more partitions

NEW
PCR



Dual 96-well capacity, significantly increasing detection throughput.



2x3 temperature partitions, optimizing experimental conditions.



Individually control each block to streamline temperature and space optimization.



10.1-inch touchscreen facilitates program editing and results viewing.

▶ Product Features



Smart Operation

A unified UI for simple and convenient use. Real-time remote monitoring via mobile app. Features an electric hot lid with automatic opening and closing adjustment.



Precise Temperature Control

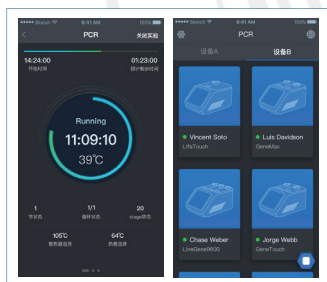
Utilizing imported alloy materials, an upgraded bottom heat dissipation module, and a custom Peltier, ensuring superior temperature control precision and accuracy.



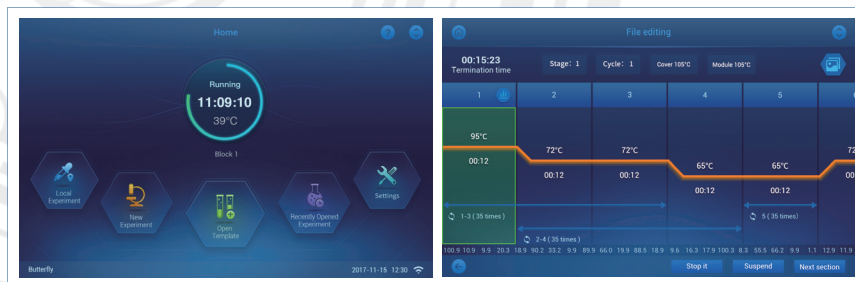
Powerful Function

Designed with 2×96-well capacity to meet high-throughput detection needs. Each 96-well block operates independently and features 3 temperature control zones, allowing for flexible optimization and enhanced experimental efficiency.

▶ User Interface



Mobile Interface



Device Interface

▶ Specification

Product Name	GeneExplorer
Model	GE-96DS
Sample Capacity	96×0.2mL+96×0.2mL
PCR Volume Range	10-100 μL
Display Interface	10.1 inch
Temp. Range	4~105°C (min. resolution: 0.1°C)
Hot-lid Temp. Range	30°C~110°C
Max.Ramp Rate	2.5°C/s
Temp. Uniformity	≤0.2°C
Temp. Accuracy	≤0.2°C
Temperature Control Zones	3 temperature zones per block, (6°C zone-to-zone)
Memory	≥2000 programs on board , unlimited with USB flash drive expansion
Network Connections	USB/LAN/WIFI
Hot-lid Mode	electric hot lid, one-time locking
Mobile App Compatibility	iOS / Android
Dimension	540 mm×400 mm×320 mm (L×W×H)
Power Supply	100~240v, 50~60Hz, 1500W
Weight	30kg

