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Technology**



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GeneExplorer Thermal Cycler

GE-DX

NEW
PCR



High Throughput

Dual 96-well capacity, significantly increasing detection throughput.

Linear True Gradient Function

2×3 independent temperature zones provide precise control for reliable and reproducible results.

User-Friendly Interface

10.1-inch touchscreen facilitates program editing and results viewing.

Dual Automated Lid

Individually motorized lids for each block facilitate seamless integration into automated workflows.

► 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

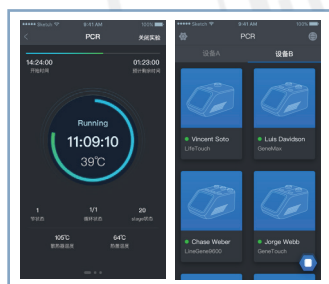
Utilizing imported alloy materials, an upgraded bottom heat dissipation module, and a custom Peltier, ensuring superior temperature control precision and accuracy.



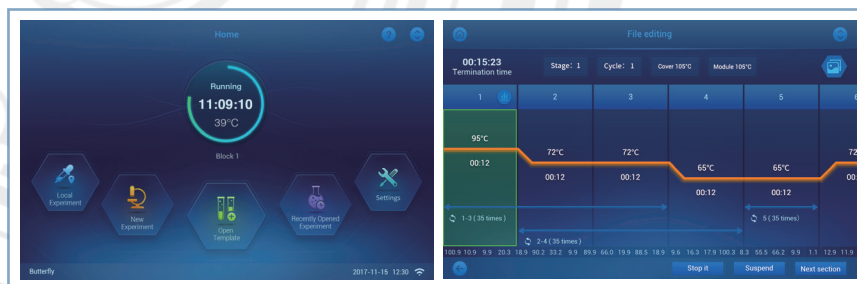
Powerful Function

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 Thermal Cycler
Model	GE-DX
Sample Capacity	96×0.2mL+96×0.2mL
PCR Volume Range	10-200 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
Gradient Function	3 temperature zones per block, (6°C zone-to-zone)
Temperature Differential Range	0.1°C~12°C, 0.1-6°C zone-to-zone
Gradient Temperature Range	30°C~99°C
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	564 mm×400 mm×320 mm (L×W×H)
Power Supply	100~240v, 50~60Hz, 1200W
Weight	34kg



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