



**Bioer  
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.

HANGZHOU BIOER TECHNOLOGY CO., LTD.



## ► 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.



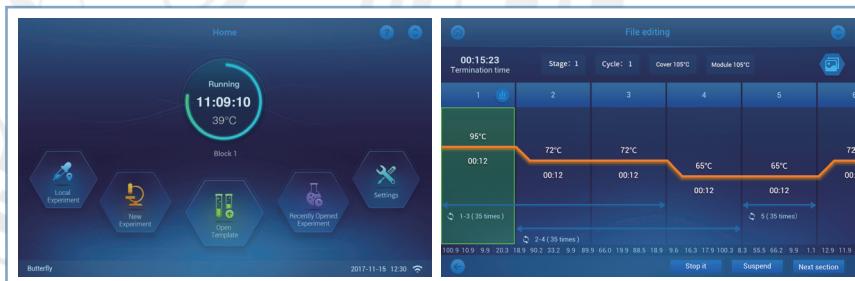
### Powerful Function

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   |
| Consumables                    | 0.2 mL PCR 8-Strip Tube, 0.2mL PCR Tube, 0.2 mL 96-Well Semi-Skirted PCR Plate, 0.2mL 96-Well Non-Skirted PCR Plate |
| 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  |

