

## SPECIALITY

- ◆ The most advanced peltier-based semiconductor technology.
- ◆ High-performance universal power supply.
- ◆ Large 5.6-inch high-definition color LCD screen.
- ◆ windows operating system, the human interface.
- ◆ graphical user interface in English and Chinese.
- ◆ Online features and print capabilities.
- ◆ Power-down data protection.
- ◆ Friendly design of the shell structure, a strong three-dimensional visual impact.
- ◆ Stepless adjustable hot lid.
- ◆ Lid can be positioned at any angle.
- ◆ High-sealing reaction zone, to ensure stable and reliable test.
- ◆ Independent control modules. Can be used at least two at the same time
- ◆ modular body design, easy to maintain and update.
- ◆ Six modules can be replaced easily meet the requirements of different experiments.



## GENE-EXPLORER Product Overview

The product has a variety of advanced technologies: windows operating system, color display screen, dual modules operate independently, a variety of interchangeable modules, computer on-line function, print function, large data storage capacity and expansion capabilities, etc.; function of the qualitative PCR product perfect to the extreme, powerful features will meet the higher requirements of an experiment.

## TECHNICAL INDICATORS

Product model	General	Gradient
	GE9611/4831/6021/3841/4851	GE9612/4832/6022/3842/4852
Capacity	96×0.2ml, 60×0.5ml, 48×0.2ml+30×0.5ml, Double48×0.2ml, 384well	
Temperature Range	0~99.9℃	
Heating Rate	5℃/s	
Cooling Rate	4℃/s	
Uniformity	≤±0.2℃	
Accuracy	≤±0.1℃	
Display Resolution	0.1℃	
Temperature Control	Block\Tube	
Ramping Rate Adjustable	0.1~5℃	
Gradient Uniformity	/	≤±0.2℃
Gradient Accuracy	/	≤±0.2℃
Gradient Temp. Range	/	30~99.9℃
Gradient Spread	/	1~30℃
Hot Lid Temperature	30~110℃	
Hot Lid Height Adjustable	Stepless Adjustable	
Number of Programs	1000+(USB FLASH)	
Max. No. of Segment	30	
Max. No. of Step	30	
Max. No. of Cycle	100	
Time Increment/Decrement	1 Sec ~9 Min 59 Sec	
Temp Increment/Decrement	0.1~9.9℃	
Pause Function	yes	
Auto Data Protection	yes	
Graphical Display	yes	
Hold at 4℃	Forever	
Language	English	
Print	Yes	
LAN to computer	Yes	
LCD	5.6inch, 640×480 pels, TFT	
Communication	USB2.0, LAN	
Dimensions	380mm×240mm×260mm (L×W×H)	
Weight	9kg	
Power Supply	85~264VAC, 50~60Hz, 600 W	



Independent double module



96 Standard module



windows interface