SPECIALITY
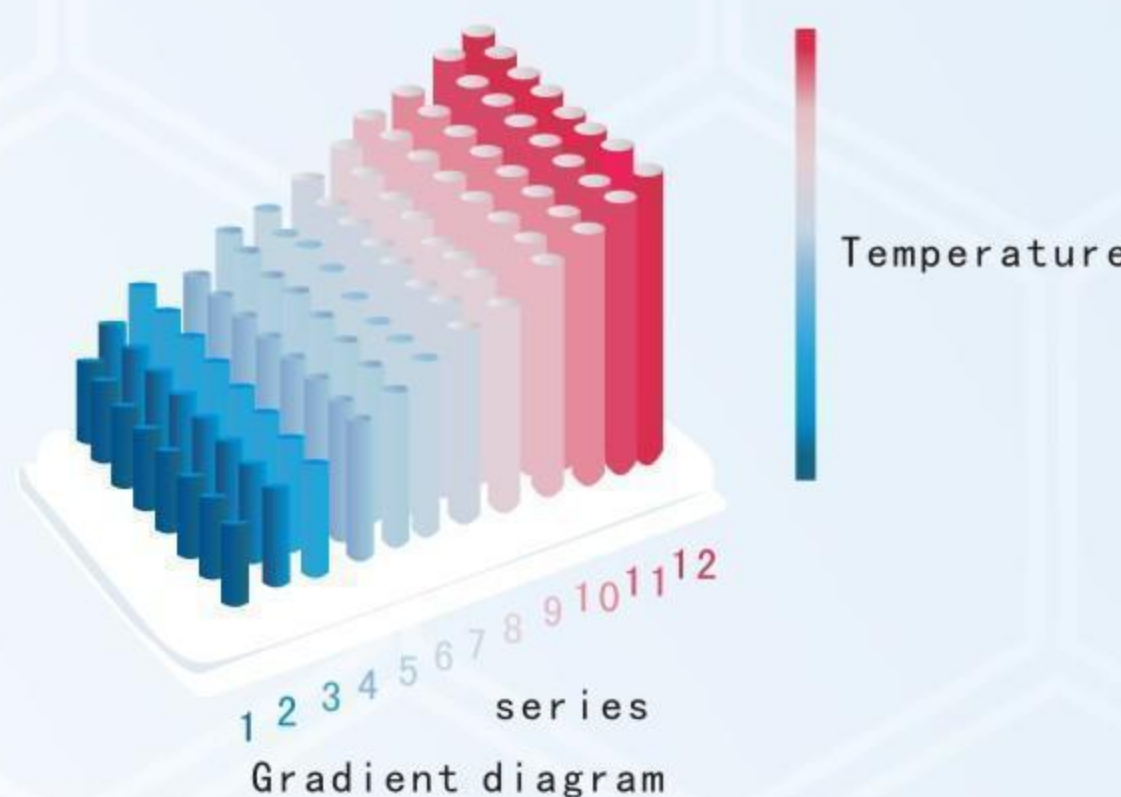
◆ Each thermal block has 4 independent temperature control sensors and 8 peltier heating units to ensure accurate and uniform temperature across block surface, and provide users for replicate previous condition set-up.

◆ Ramp rate up to 5℃/s.

◆ 8" TFT color touch-screen with graphical display provides easy use for setting up and monitoring.

◆ The actual and target temperatures can be viewed and displayed graphically in real time.

◆ Built-in 11 standard program file template, can quickly edit the required files.

◆ Internal flash memory for 10000 typical PCR files in free configurable folders.

◆ 30 thermal cyclers can be simultaneously linked to one PC via LAN, which eliminates troubles of setting up and programming each thermal cycler.

◆ Automatic restart after power failure.

◆ Compatible with devices such as Mouse and Keyboard and capable to transfer data and perform software updates via USB Drive.

◆ GLP reports for complete recording of all runs.

◆ Applicable with the following 0.2ml tube models: non-skirted, semi and fully skirted plated.

◆ Replaceable module, the choice of a dual-block module can simultaneously run two different PCR programs.

Temperature

series

Gradient diagram

Temperature Monitoring

GENE-EXPLORER TOUCH Product Overview

The product has a variety of advanced peltier technologies: windows operating system, 8inch color touch 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 GE9611T/6021T/4831T/4851T/3841T /9631T/4861T/in-situ palate	Gradient GE9612T/6022T/4832T/4852T/3842T /9632T/4862T/in-situ palate
Capacity	96×0.2ml, 60×0.5ml, 0.2mlx 48&0.5mlx30, 0.2mlx 48&0.5mlx48,384,0.2mlx96+0.5mlx77 2x0.2mlx48+0.5mlx35,4	
Temperature Range	0~100℃	
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	/	30~100℃
Gradient Spread	/	1~30℃
Hot Lid Temperature	30~110℃	
Hot Lid Height Adjustable	Stepless Adjustable	
Number of Programs	10000 +(USB FLASH)	
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	8 inch, 800×600 pels, TFT	
Communication	USB2.0, LAN	
Dimensions	380mm×240mm×260mm (L×W×H)	
Weight	9kg	
Power Supply	85~264VAC, 47~63Hz, 600 W	