

GENE-EXPLORER TOUCH SERIES THERMAL CYCLER



- **Powerful features**
- **Several blocks can be chosen**

Description

Gene-Explorer Touch series thermal cycler uses 8 pcs customized Marlow(US) peltier. Its max. ramping rate is 5 °C/s and cycle times is more than 1000,000. The product combines a variety of advanced technologies: Android operating system, color capacitive touch screen, run dual block independently, Built-in WIFI module, mobile APP and PC software control function, big storage capacity and email alert function. All above functions allow PCR' s excellent performance and meet higher experiment' s need.

Feature

- Android operating system, color capacitive touch screen, easy operation
- GLP report records every step to provide accurate data support for experiment result analysis
- Built-in 11 standard program file template, can quickly edit the required files
- Two blocks independently controlled and can run 2 different PCR programs simultaneously

Specifications

Model No.	GE9612T	GE9632T	GE4852T	GE4832T	GE4834T
Tube	96×0.2ml	96×0.2ml+77×0.5ml	Double 48 ×0.2ml	48×0.2ml+30×0.5ml	48×0.2ml+30×0.5ml
Capacity	0.1/0.2ml tube, 8 strips, 96 well plate	0.1/0.2/0.5ml tube	0.1/0.2/0.5ml tube, 8 strips, 96 well plate	0.1/0.2/0.5ml tube 8 strips	0.1/0.2/0.5ml tube 8 strips
Reaction Volume	10-120ul	10-80ul, 10-120ul	10-80ul, 10-120ul	Left block 10-120ul right block 10-200ul	10-30ul
Temperature Range	0-105°C				
Heating Ramp Rate	5°C/s				
Uniformity	≤±0.2°C				
Accuracy	≤±0.1°C				
Display Resolution	0.1°C				
Temperature Control	Block\Tube				
Ramping Rate Adjustable	0.1-5°C				
Gradient Uniformity	≤±0.2°C				
Gradient Accuracy	≤±0.2°C				
Gradient Temp. Range	30-105°C				
Gradient Spread	1-30°C				
Hot Lid Temperature	30-115°C				
Hot Lid Height Adjustable	Stepless Adjustable				
Number of Programs	10000 +(USB FLASH)				
Max. No. of Step	30				
Max. No. of Cycle	200				
Time Increment/Decrement	1 Sec - 600 Sec				
Temp. Increment/Decrement	0.1-10.0°C				
Pause Function	Yes				
Auto Data Protection	Yes				
Hold at 4°C	Forever				
Touchdown Function	Yes				
Long PCR Function	Yes				
Language	English				
Mobile App	Android				
LAN to computer	Yes				
LCD	8 inch, 800×600 pels,				
Communication	USB2.0 , LAN, WIFI				
Dimensions	390mm×270mm×255mm (L×W×H)				
Weight	9KG				
Power Supply	100-240AC , 50-60Hz , 600 W				

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