

## GE4T

### IN-SITU THERMAL CYCLER



- *Accept customization of different chip specifications*
- *Used for in situ hybridization or gene chip experiments*

### Description

GE4T IN-SITU thermal cycler uses long service life peltier. Its max. ramping rate is 4 °C/s and cycle times is more than 1000,000. The product combines a variety of advanced technologies: Android system; Color capacitive touch screen; several block as options; built-in WIFI module, mobile APP and PC software control function; email notification function; big storage capacity and etc. All above functions allow PCR' s excellent performance and meet higher experiment' s need.

### Features

- **Fast ramp rate, saving your precious time**
- **Automatic power-off protection to ensure safe operation of the entire amplification process**
- **Android system; color capacitive touch screen, easy operation**
- **One-click quick incubation function can meet experiment' s needs such as denaturation, enzyme cutting/enzyme-link and ELISA.**
- **Six pieces of long service life Peltier heating units and form 3 circuits to control 3 temperature zones;**

## Specification

Model No.	GE4T
Capacity	120×80mm
Temperature Range	0-105°C
Max Ramp Rate	4°C/s
Uniformity	≤±0.2°C
Accuracy	≤±0.1°C
Display Resolution	0.1°C
Temperature Control	Block\Tube
Ramping Rate Adjustable	0.1-4°C
Hot Lid Height Adjustable	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	100-240VAC , 50-60Hz , 600 W

