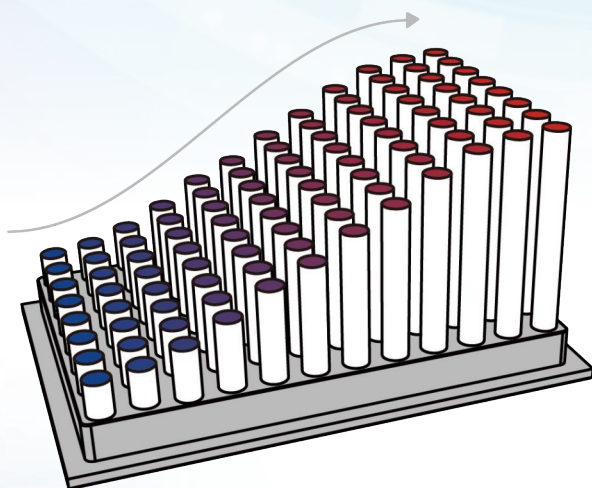


## GET-S

### SERIES THERMAL CYCLER



gradient function



- **Intelligent Economic**
- **Convenient Fast**

### Description

GET-S series thermal cycler uses long service life peltier. Its max. ramping rate is 4.5 °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.

### Feature

- One-click rapid incubation function to meet a variety of experimental needs
- Stepless adjustable hot lid, fit tubes of different heights to avoid tube melt and evaporation
- Android system; color capacitive touch screen, easy operation
- Running program and left time can be displayed in real time, allow to edit file when program is running

## Parameters

| Model/Specification       |                                                                                                                                      |                                                                                              |            |                |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------|----------------|
| Model No.                 | GE9612T-S                                                                                                                            | GE9632T-S                                                                                    | GE6022T-S  | GE3842T-S      |
| Capacity                  | 96×0.2ml                                                                                                                             | 96×0.2ml+77×0.5ml                                                                            | 60×0.5ml   | 384well        |
| Formats                   | 0.1/0.2ml, 8 strips, 12 strips,<br>Half skirt 96 wells plate,<br>No skirt 96 wells plate                                             | 0.1/0.2/0.5ml, 8 strips, 12 strips,<br>Half skirt 96 wells plate,<br>No skirt 96 wells plate | 0.5ml tube | 384 well plate |
| Reaction Volume           | 5-120ul                                                                                                                              | 5-80ul, 5-120ul                                                                              | 5-200ul    | 5-30ul         |
| Temperature Performance   |                                                                                                                                      |                                                                                              |            |                |
| Temperature Range         | 0-105°C                                                                                                                              |                                                                                              |            |                |
| MAX. Ramp Rate            | 4.5°C/s                                                                                                                              |                                                                                              |            |                |
| Uniformity                | ≤±0.2°C                                                                                                                              |                                                                                              |            |                |
| Accuracy                  | ≤±0.1°C                                                                                                                              |                                                                                              |            |                |
| Display Resolution        | 0.1°C                                                                                                                                |                                                                                              |            |                |
| Temperature Control       | Block/Tube                                                                                                                           |                                                                                              |            |                |
| Ramping Rate Adjustable   | 0.01-4.5°C/s                                                                                                                         |                                                                                              |            |                |
| Hold at 4 C               | Forever                                                                                                                              |                                                                                              |            |                |
| Gradient Performance      |                                                                                                                                      |                                                                                              |            |                |
| Gradient Uniformity       | ≤±0.2°C                                                                                                                              |                                                                                              |            |                |
| Gradient Accuracy         | ≤±0.2°C                                                                                                                              |                                                                                              |            |                |
| Gradient Temp. Range      | 30-105°C                                                                                                                             |                                                                                              |            |                |
| Gradient Spread           | 0.1-30°C                                                                                                                             |                                                                                              | 0.1-30°C   | 0.1-30°C       |
| Hot Lid Function          |                                                                                                                                      |                                                                                              |            |                |
| Hot Lid Temperature       | 30-115°C                                                                                                                             |                                                                                              |            |                |
| Hot Lid Height Adjustable | Stepless Adjustable                                                                                                                  |                                                                                              |            |                |
| Software Function         |                                                                                                                                      |                                                                                              |            |                |
| Number of Programs        | 200,000+(USB FLASH)                                                                                                                  |                                                                                              |            |                |
| Max. No. of Step          | 30(Multiple nested PCR experiments)                                                                                                  |                                                                                              |            |                |
| Max. No. of Cycle         | 200(Up to 100,000 in nested cycles)                                                                                                  |                                                                                              |            |                |
| Time Increment/Decrement  | 1s-600s, Long PCR is available                                                                                                       |                                                                                              |            |                |
| Temp. Increment/Decrement | 0.1-10.0°C , Touchdown PCR is available                                                                                              |                                                                                              |            |                |
| Pause Function            | Yes                                                                                                                                  |                                                                                              |            |                |
| Auto Data Protection      | Yes                                                                                                                                  |                                                                                              |            |                |
| GLP Report                | Record the running information of each step of the program to provide accurate data support for the analysis of experimental results |                                                                                              |            |                |
| File Encryption Function  | Individual program files can be encrypted                                                                                            |                                                                                              |            |                |
| User Management Privilege | Three levels of access (administrator, user, guest)                                                                                  |                                                                                              |            |                |
| Email Notification        | Email notification after experiment is over                                                                                          |                                                                                              |            |                |
| Lock Screen Function      | Prevents accidental termination of the program being experimented on                                                                 |                                                                                              |            |                |
| PC-LINK Function          | Simultaneous on-line monitoring of more than 250 instruments                                                                         |                                                                                              |            |                |
| Mobile Phone APP          | Simultaneous on-line monitoring of more than 250 instruments                                                                         |                                                                                              |            |                |
| Other Performance         |                                                                                                                                      |                                                                                              |            |                |
| Communication             | USB 2.0,LAN, WIFI                                                                                                                    |                                                                                              |            |                |
| Dimensions                | 390mm×270mm×255mm(L×W×H)                                                                                                             |                                                                                              |            |                |
| Weight                    | 9kg                                                                                                                                  |                                                                                              |            |                |

