

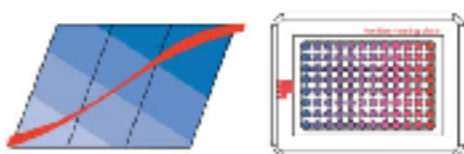
## TC1000-G-Pro

### Thermal Cycler Gradient

## TC1000-S

### Thermal Cycler Standard

The TC1000-G/S/Pro gene amplifier is a fundamental instrument in molecular laboratories, widely used in gene detection, molecular cloning, gene expression, mutagenesis, and other tasks, involving fields such as drug discovery, agriculture, and the food industry.



#### Feature:

- A brand new UI user interface, simple and easy-to-use graphical menus, color touch panels, making it easier for customers to edit programs
- Automatic power-off protection, automatically executes incomplete cycles after power restoration, ensuring safe operation of the amplification process
- Support Touchdown PCR (-9.9°C-+9.9°C) and Long PCR (-9min 59s~+9min 59s) experiments (TC1000-G-Pro only)
- The temperature and working mode of the hot cover can be set to meet different experimental needs. When the temperature of the heating module is below 30°C, the hot cover function will be automatically turned off
- One click rapid incubation function, meeting the needs of denaturation, enzyme digestion/enzyme-linked immunosorbent assay, ELISA and other experiments
- Compatible with common PCR tubes, 8-row tubes, 96 well PCR plates without skirt edges, semi skirt edges, and full skirt edges
- Realtime display of program progress and remaining time, setting user security accounts and passwords according to different customer needs

- Built in WIFI module, connected to a local area network through a computer host, allowing for simultaneous control of multiple PCR machines by one machine
- USB interface, supports USB inventory/PCR data retrieval, supports USB flash drive and LAN software updates, customizable programs, and meets multiple file storage functions

#### Technical Parameters:

Model	TC1000-S	TC1000-G-Pro
Sample Capacity	96×0.2mL PCR tube 12×0.2mL PCR-8 strips 1×0.2mL 96 PCR Microplate	
Heating Temperature Range /°C	4-105	0-105
Lid Temperature Range /°C	30-115	30-115
Temperature Display Accuracy /°C	±0.1	±0.1
Temperature Display Accuracy@55°C	±0.1	±0.1
Temperature uniformity@55°C	±0.2	±0.2
Max. Heating/Cooling Rate	5°C/Sec	5°C/Sec
Gradient Setting Range /°C	-	30-105
Gradient Range /°C	-	1-4.2, enter 0 to turn off the gradient.
Temperature Control Method	Block/Tube	Block/Tube
Adapter Block Material	Aluminum	Aluminum
Display	7"LCD 1024×600	7"LCD 1024×600
Input	Touch panel	Touch panel
Computer Host System	Yes	Yes
Communication Interface	USB, WIFI	USB, WIFI
User Defined File System	20000+(USB FLASH)	20000+(USB FLASH)
Power Off Protection	Yes	Yes
Power Supply	100-120V,50/60HZ,200-240V,50/60HZ	
Dimension[W×D×H]	280×370×250mm	280×370×250mm
Weight	9.5kg	9.5kg