DRAWELL
Artist of Science

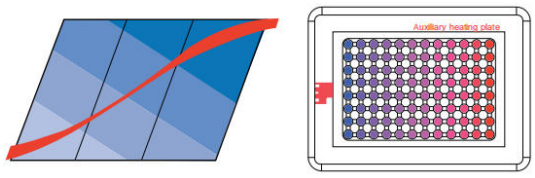
TC1000-G PCR Thermal Cycler

Introduction

Thermal cycler is essential laboratory instrument in the field of molecular, research such as gene chip, gene detection, gene cloning, gene expression, and applied market like drug discovery, agriculture, food industry, etc.

Features

1. Reliable heating/cooling elements and precise temperature control.
2. Unique design of block ensures the temperature uniformity and repeatable results.
3. 7 inch Large color touch panel screen for easy programming with user friendly software.
4. High performance Peltier and independent heating segments improving temperature control.
5. Gradient temperature setting optimizes temperature easily in the single run.
6. Wide touchdown PCR temperature range (-9.9℃~+9.9℃) and Long PCR time range (-9min 59s~+9min 59s).
7. Fast heating and cooling rate.
8. File customization, multi-file storage.
9. Power-off protection function, automatic program recovery.
10. Hot lid auto-off function: If the module temperature is lower than 30℃, the hot lid function will automatically turn off.



Specifications

Model	**TC1000-G**
Sample Capacity	**96X0.2mL PCR tube, 8X12 PCR plate or 96 well plate**
Heating Temperature Range	**4-105°C**
Lid Temperature Range	**30-110°C**
Temperature Display Accuracy	**±0.1°C**
Temperature Control Accuracy [at 55°C]	**±0.3°C**
Temperature uniformity[at 55°C]	**<0.3°C**
Max. Heating/Cooling Rate	**5°CSec**
Gradient Temperature Setting Range	**30-99°C**
Gradient Range	**1-42°C**
Adapter block material	**aluminum**
Display	**7” LCD 800x480**
Input	**Touch panel**
User defined file system	**Max. 30 segments 99 cycles max. 16 folder and 16 files each folder**
Power off protection	**Yes**
Power Supply	**100-120V/200-240V,50/60Hz**
Dimension [DxWxH](without the heating block)	**280x370x250 mm**
Weight	**11kg**