

Thermal Cycler

Introduction:

The Thermal Cycler is an instrument that performs nucleic acid amplification by polymerase chain reaction.

Mainly used in medical institutions, clinical gene amplification testing laboratories that meet the requirements, scientific research institutes, universities, etc.



TEC01



TEC03

Features:

- ①. Reliable performance of heating and cooling elements, high-performance temperature control system.
- ②. High-performance digital signal processor for precise temperature control
- ③. Excellent temperature uniformity.
- ④. Rapid heating and cooling.
- ⑤. Color touch panel, easy to operate.
- ⑥. Support large-capacity program storage.

Parameters:

| Model | TEC01 | TEC03 |
|--------------------------------|---|---|
| Capacity | 96 | 3*32 |
| Reaction Volume | 10~200µl | |
| Tube Type | 96*0.2ml PCR plate; 8*0.2ml PCR tube; 0.2ml single PCR tube | 8*0.2ml PCR tube; 0.2ml single PCR tube |
| Block Temperature Range | 4~105°C | |
| Heat Lid Temperature Range | 30~110°C | |
| Max Heating Rate | 4.0°C/s | 7.7°C/s |
| Max Cooling Rate | 3°C/s | 4.6°C/s |
| Display Resolution | 0.1°C | |
| Temperature Accuracy | ±0.3°C | ±0.3°C |
| Temperature Uniformity | ±0.3°C | ±0.3°C |
| Block Material | Aluminum | |
| Gradient Range | 30~99°C | 30~105°C |
| Temperature Differential Range | 1~42°C | 1~25°C |
| Program | A single program can be up to 30 steps, 99 cycles | A single program can be up to 99+ steps, 120 cycles |
| Display | 7" LCD | 10.1" LCD |
| Power Supply | AC110V~220V, 50/60Hz | |
| External Size(W*D*H) | 398*280*257mm | 445*340*240mm |
| Net Weight | 11kg | 15kg |
| Package Size(W*D*H) | 495*380*380mm | 560*450*440mm |
| Gross Weight | 17kg | 27.2kg |

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