

GRADIENT THERMAL CYCLER PCR21-096



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Engineered by finest quality and leading edge technology according to the advance technology and market norms under the direction of competent experts. Simple, intuitive programming, cost-efficient, fast setup and convenient to use makes it an ideal choice.

Used in molecular biology, criminal investigation, disease research and other fields.

Also known as Gradient PCR Thermocycler, Gradient PCR Machine, Laboratory Gradient PCR Thermal Cycler, Laboratory Gradient PCR Thermocycler.

PCR21-096 GRADIENT THERMAL CYCLER

New and unique appearance, the interface operation is simple and convenient, compact size

hot lid can be switched on and off, and test tube temperature control mode and module temperature control mode can be choose to meet more different experimental requirements

The system has a built-in gradient calculator, which can easily obtain accurate annealing temperature for different experimental samples to optimize PCR reaction conditions

Can be quickly upgraded via U disk, convenient for instrument software update



SPECIFICATIONS

| Model | PCR21-096 |
|---------------------------------|--------------------------------|
| Sample Capacity | 96x0.2 ml |
| Temp. range | 4~99.9 °C (Constant temp. 4°C) |
| Single step time | 1-59 m 59 s, 0 is forever |
| Max. heating rate | 4.5 °C/s |
| Max. Cooling rate | 4 °C/s |
| Temp. uniformity | ±0.25 °C |
| Temp. accuracy | ± 0.20 °C |
| Temp. display resolution | 0.1 °C |
| Temp. control method | Block\Tube |
| Gradient temp. uniformity | ±0.3 °C |
| Gradient temp. accuracy | ±0.3 °C |
| Gradient Temp. range | 30~99.9 °C |
| Gradient temp. difference range | 0.1~30 °C |
| Hot cover temp. range | 30~110 °C |
| Max. steps of the program | 30 |
| Program max. cycle nu | 99 |
| Time increment/decrement | -599 ~ +599 s |
| Temp. increase/decrease | -9.9 ~ +9.9 °C |
| Program pause function | Yes |
| 16°C Insulation | Forever |
| LCD | 5 inch, 800x480 Pixel |

| | |
|--------------------------|-----------------------------|
| Program storage quantity | > 100 |
| Communication Interface | USB 2.0 |
| Input power | 100~240V AC6.6~3.1A 50/60Hz |
| Dimensions | W.185xD.280xH.160 mm |
| Net weight | 4.3 kg |



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