



## GRADIENT THERMAL CYCLER BTHC-601

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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.

## BTHC-601 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	BTHC-601
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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