



## GRADIENT THERMAL CYCLER BTHC-101

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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, Gene amplification, Gene Expression, Research, Development, Food Science, Pharmaceutical, Life Science, Animal Diagnostics, Analytical Laboratories.

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

## BTHC-101 GRADIENT THERMAL CYCLER



- Convenient and flexible module change
- Hermetic seal protects TEs from condensation, maximizing their life
- Two-stage hot lid pressure regulator, endures good sealing performance
- Gold-plated or silver-plated module improves the efficiency of heat conduction
- Large size and color super-high-definition LCD screen
- Intuitive and user-friendly interface, makes programming quick and easy
- Infinitely adjustable lid knob, suitable for various types of the tube
- Memory function in case of power-down
- Low noise, low energy consumption, long application life
- Heat lid could be positioned at any angle for easy sample access
- Metal material lid, more reliable and safe
- Hard disk and mouse can be linked
- Linked with PC for its multiple control
- Windows operating system
- Convenient, free-charge program upgraded
- Remote diagnosis system for easy maintenance
- Achieve Circulation nesting
- 110-220V international general voltage

## SPECIFICATIONS

Model	BTHC-101
Temperature Range	0°C~99.9°C
Max.Heating Ramp Rate	4.0°C/s
Max.Cooling Ramp Rate	3.5°C/s
Block Formats	96x0.2 ml (A) / 54x0.5 ml (B) / 96x0.2 ml+77x05 ml (C) / 384well (D)
Display Interface	5.7"LCD
Heating/Cooling adjustable rate	0.1°C/s~4.0°C/s
Uniformity	±0.2°C(20~75°C)
Accuracy	±0.2°C
Gradient Temp Range	30~99°C
Thermal Gradient Span	2~30°C
Gradient Uniformity	±0.2°C(single row)
Hot Lid Temperature	30~115°C
Max.No.of Cycle	99
Communication	USB2.0 / RS 232

Temp Control Mode	Block, tube
Memory Capacity	200
Dimension (WxDxH)	380x270x250 mm
Weight	7.2 kg

## ACCESSORIES

Accessory Code	Name	Capacity
5200606009	Block C	96x0.2 ml+77x0.5 ml

## OPTIONAL ACCESSORIES

Accessory Code	Name	Capacity
5200606006	Block A	96x0.2 ml
5200606007	Block B	54x0.5 ml
5200606008	Block D	384 well



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