



## GRADIENT TOUCH SCREEN THERMAL CYCLER BTHC-103

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

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

## BTHC-103 GRADIENT TOUCH SCREEN THERMAL CYCLER



- The most advanced peltier-based semiconductor technology
- Highly performance universal power supply
- Large 5.7 inch high-definition LCD display
- Graphical user interface in English and Chinese
- Power-down data protection
- Metal shell, solid, practical, beautiful and generous
- Stepless adjustable hot lid
- Lid can be positioned at any angle
- High-sealing reaction zone, to ensure stable and reliable test

## SPECIFICATIONS

Model	BTHC-103
Temperature Range	0°C~99.9°C
Max.Heating Ramp Rate	5°C/s
Max.Cooling Ramp Rate	5°C/s
Block Formats	96x0.2 ml (A) / 54x0.5 ml (B) / 96x0.2 ml+77x0.5 ml (C) / 384well (D)
Display Interface	7"LCD
Heating/Cooling adjustable rate	0.1°C/s~4.0°C/s
Uniformity	≤±0.2°C
Accuracy	≤±0.1°C
Gradient Temp Range	30~99°C
Thermal Gradient Span	1~30°C
Gradient Uniformity	≤0.2°C(single row)
Hot Lid Temperature	20~110°C
Max.No.of Cycle	999
Communication	USB2.0 / RS 232 / RJ45
Temp Control Mode	Block, tube*
Memory Capacity	2000*
Note	*10~100μl Optional **Unlimited with use of USB memory stick
Intelligent Diagnosis	108
Dimension (WxDxH)	380x270x250 mm
Weight	8.1 kg



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