



## 96 WELL GRADIENT THERMAL CYCLER BTHC-104

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

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

## BTHC-104 96 WELL GRADIENT 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-104
Sample Capacity	96x0.2 ml
Temperature Range	0°C~99.9°C
Temperature Increment/Decrement	0.1~10.0°C
Hold at 4°C	Forever
Max. ramp rate	0.1°C~2.5°C
Max Heating Rate	4.5°C
Max Cooling Rate	4°C / s
Display Interface	LCD, 8',800x600
Display Resolution	0.1°C
Uniformity	≤±0.3°C
Accuracy	≤±0.2°C
Thermal Gradient Accuracy	≤±0.3°C
Gradient Spread	1~30°C
Gradient Uniformity	≤±0.2°C
Hot Lid Temperature	30°C~110°C
Height of hot Lid	Stepless Adjustable
Max.No.of Cycle	100
Program Storage	10000+(USB Flash)
Max Program Steps	30
Communication	USB2.0 , LAN
Temp Control Mode	Block, tube
Time Increment/Decrement	1 sec ~600 sec

Pause Function	Yes
Auto Data Protection	Yes
Dimension (WxDxH)	270x390x255 mm
Power	600 W
Weight	9 kg
Power Supply	85~264 V AC , 47~63 Hz



**Biolab Scientific Ltd.**

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada  
Email: [contact@biolabscientific.com](mailto:contact@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)