



GRADIENT THERMAL CYCLER BTHC-102

GRADIENT THERMAL CYCLER BTHC-102

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-102 GRADIENT THERMAL CYCLER



- Optimized to very low energy consumption
- Low noise, low energy consumption, long application life
- Specially designed lids reduce the evaporation during PCR
- Hinge utilized in laptop industry makes lid open more flexible
- Infinitely adjustable lid knob, suitable for various types of the tube
- Versatile configuration options
- Gold-plated or silver-plated module improves the efficiency of heat conduction
- Portable design is easy for sample blocks interchange without maintenance
- 2000 protocols on board, unlimited with use of USB memory stick
- ARM Platform, Windows CE operating system
- Large size and color super-high-definition LCD screen
- Intuitive and user-friendly interface, makes programming quick and easy
- Make a reservation and alarm for daily lab work
- Support the function of TM value calculation
- Portability: Transfers method between Genemate systems via USB ports
- Backup: Store your most important methods on a USB memory stick
- Storage: Store an unlimited number of methods by using a USB memory stick
- Uploads: Update firmware when enhancements become available

SPECIFICATIONS

Model	BTHC-102
Temperature Range	0°C~99.9°C
Max.Heating Ramp Rate	4.5°C/s
Max.Cooling Ramp Rate	4°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
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	1000**
Note	*10~100µl Optional **Unlimited with use of USB memory stick
Intelligent Diagnosis	108
Dimension (WxDxH)	380x270x250 mm
Weight	7.8 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



Biolab Scientific Ltd.

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada
 Email: contact@biolabscientific.com | Website: www.biolabscientific.com