



## DOUBLE BLOCK GRADIENT THERMAL CYCLER BTHC-117

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

Also known as Laboratory Mini PCR, Mini PCR Machine, Laboratory Mini PCR Machine.

## BTHC-117 DOUBLE BLOCK GRADIENT THERMAL CYCLER



It is small-sized and easy to program with an intuitive user interface

The lid adopts the high temperature resistant material and applicable to various types of test tube

Memory function in case of power-down

Two control mode:PCR control through the PC operating software

It is benefit for students to understand with the animation presentation capabilities of the PC operating software

Achieve circulation nesting

## SPECIFICATIONS

Model	BTHC-117
Sample Capacity	Double 48x0.2 ml, In-situ Plate
Temperature Range	0°C-100°C
Temperature Increment/Decrement	0.1~10.0°C
Hold at 4°C	Forever
Max. ramp rate	0.1°C~5°C
Max Heating Rate	5°C / s
Max Cooling Rate	4°C / s
Display Interface	LCD, 8',800x600
Display Resolution	0.1°C
Uniformity	≤±0.2°C
Accuracy	≤±0.1°C
Thermal Gradient Accuracy	≤±0.2°C
Gradient Temp Range	30°C~100°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

## ACCESSORIES

Accessory Code	Name	Capacity
5200622006	Block A	30x0.2 ml

## OPTIONAL ACCESSORIES

Accessory Code	Name	Capacity
5200622007	Block B	9x0.5 ml
5200622008	Block C	16x0.2 ml+9x0.5 ml



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