BioLAB

PRODUCT CATALOG

# DOUBLE BLOCK GRADIENT THERMAL CYCLER
# BTHC-117

CE ISO9001 CERTIFIED

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# DOUBLE BLOCK GRADIENT THERMAL CYCLER BTHC-117

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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