BioLAB

PRODUCT CATALOG

THERMAL CYCLER BFA1M2

CE ISO9001 CERTIFIED

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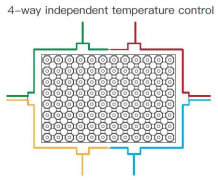
THERMAL CYCLER BFA1M2

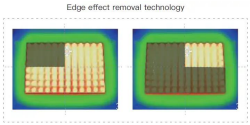
GENE AMPLIFICATION INSTRUMENT

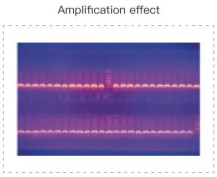
The PCR instruments adopts Linux operating system, matched with 10.1-inch capacitive touch screen, with simple and smooth operation, accurate and fast data display; Front and rear air ducts allow instruments to be placed side by side, saving space; Zero evaporation technology, sealing 96 holes separately; Pressure rod type hot cover, close and tighten the cover in one step; Built in WIFI module, capable of monitoring the operation status from mobile
phone; Using high-efficiency and long-life Peltier refrigeration chips, the temperature rise and fall speed is fast, saving valuable experimental time.

1. Remove edge effect temperature control technology

Four independent temperature control edge heating films are used, and the heat transfer plate is divided into four independent zones. Each zone can independently compensate for temperature deviation, effectively eliminating the edge effect problem of heat conduction in each zone. The temperature uniformity in each zone is excellent, and multiple built-in cooling chips and sensors are evenly distributed, making the program temperature control more
Accurate.

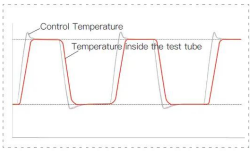




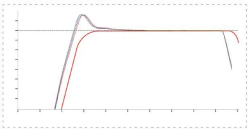


2. Ramp rate

Adopting high-efficiency and long-life Peltier refrigeration chips, with a maximum heating rate of 7.0 °C/s and a maximum cooling rate of 6.0 °C/s, saving valuable experimental time.



Maximum heating and cooling speed



Temperature balance

Gene amplification instrument

1. It has a 24 column gradient function, which facilitates users to quickly optimize reaction conditions.

SPECIFICATIONS

Model	BFA1M2
Sample capacity	384x0.04ml
Temperature Uniformity	≤±0.5℃
Types of consumables	384-well PCR microplate
Temp. difference range	1℃~30℃
Gradient temp. point distribution	1~24
Gradient temp. uniformity	≤±0.5℃
Net weight	10kg
Alt Name	Gene Cycler

APPLICATIONS

The application scope of gene amplifiers is very wide, in various fields such as medicine, forensic science, biological research, agriculture and animal husbandry, food safety testing, environmental monitoring, biotechnology, public health, pharmaceutical industry, and gene therapy. As an important experimental equipment, it plays an irreplaceable role in promoting the development and application of life sciences.

Forensic medicine

Clinical diagnosis

Biological research

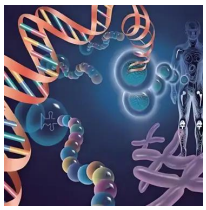
Animal husbandry

Food safety

Environment detection

Public health

Pharmaceutical industry



Gene therapy

Agriculture

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