BioLAB

PRODUCT CATALOG

GRADIENT PCR THERMAL CYCLER BFA1N1 (BHTC-501)

CE ISO9001 CERTIFIED

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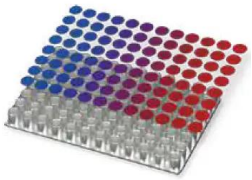
GRADIENT PCR THERMAL CYCLER BFA1N1

GRADIENT PCR INSTRUMENT

The gene amplification instrument is mainly used for gene amplification in scientific research, qualitative PCR gene amplification, fluorescence / enzyme immune endpoint quantitative DNA gene amplification, gene chip and other analytical applications of gene amplification, etc.



Seiko manufactures high-quality aluminum blocks processed by surface anodizing technology, which not only retains fast thermal conductivity, but also has sufficient corrosion resistance.

Exquisite appearance, exquisite processing, clever heat dissipation design.
Optional test tube temperature control mode and block temperature control mode to meet more different experimental needs.
8-inch TFT high-definition full-touch color screen can be used to edit the required files quickly, the temperature curve is intuitively displayed, the setting is convenient and quick, and the temperature curve and the operating process status of the instrument are accurately displayed in real time.
The system has a built-in gradient calculator, which can easily obtain accurate annealing temperature for different experimental samples to optimize PCR reaction conditions. Real-time display of gradient distribution and real-time temperature display are more conducive to controlling sample temperature.
User login, authority management, password protection function to ensure data se

SPECIFICATIONS

Model	BFA1N1
Old Model	BHTC-501
Temp. range	4~99.9℃
Sample capacity	96x0.2ml
Max. heating rate	4.5℃/s
Max. Cooling rate	4℃/s
Temp. uniformity	±0.25℃
Temp. accuracy	±0.20℃
Temp. display resolution	0.1℃
Temp. control method	Block\Tube
Temp. change rate	0.1~5.0℃
Gradient temp. uniformity	±0.3℃
Gradient temp. accuracy	±0.3℃
Gradient Temp. range	30~99.9℃
Gradient setting range	0.1~30℃
Hot cover Temp. range	30~110℃
Single step time range	1~59m59s, 0 is forever
Hot lid height adjustment	Adjustable
Max. steps of the program	30
Program max. cycle numbers	99
Time increment / decrement	-599~599s

Temp. increase / decrement	-9.9~9.9℃
Program pause function	Yes
16℃ insulation	Forever
LCD screen	8 inches
Program storage quantity	>100
Communication Interface	USB2.0 , LAN
Input power	AC100~240V, 6.6~3.1A, 50/60Hz
Fuse	250V, 8A Φ5x20
Dimensions	W.390 x D.270 x H.255mm
Net weight	8.5kgs
Alt Name	Gradient PCR Thermal Cycler

FEATURES

Exquisite appearance, exquisite processing, clever heat dissipation design.
Optional test tube temperature control mode and block temperature control mode to meet more different experimental needs.
8-inch TFT high-definition full-touch color screen can be used to edit the required files quickly, the temperature curve is intuitively displayed, the setting is convenient and quick, and the temperature curve and the operating process status of the instrument are accurately displayed in real time.
The system has a built-in gradient calculator, which can easily obtain accurate annealing temperature for different experimental samples to optimize PCR reaction conditions. Real-time display of gradient distribution and real-time temperature display are more conducive to controlling sample temperature.
User login, authority management, password protection function to ensure data security, the administrator can clear users, large data storage capacity, the maximum storage file in the machine is more than 100.
The ingenious design of the hot cover can effectively control the heat in the hot cover, and the effect of preventing evaporation is excellent; the stepless adjustable hot cover can adapt to most test tubes in the market. The temperature of the hot lid and the working mode of the hot lid can be set, and the hot lid can be switched on and off.
Built-in independent rapid constant temperature incubation function to meet the experimental needs of denaturation, enzyme digestion/enzyme connection, and ELISA.
Insert the mouse into the USB port to operate the instrument, and support importing and exporting programs from U disk and updating the system.

Air intake from the back and exhaust at the bottom. Other instruments and equipment can be placed close to both sides of the instrument to save experiment space.

8-inch high-definition full touch color screen, friendly human-computer interaction interface, simple operation.

Heat cover design:excellent anti-evaporation effect; stepless adjustable heat cover, which can adapt to most test tubes in the

market.

User Interface

Gradient interface system built-in gradient calculator

Running interface
Real-time display of gradient distribution, real-time temperature display

Thermostatic incubation interface
Meet the experimental needs of enzyme digestion/enzyme connection, ELISA, etc.

User login interfacemore than 100 files can be stored) Administrator can clear users.

Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com