BioLAB

PRODUCT CATALOG

REAL-TIME THERMAL CYCLER BFJ1H1

CE ISO9001 CERTIFIED

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REAL-TIME THERMAL CYCLER BFJ1H1

REAL TIME PCR

1. Four channels and double 16-well blocks design, can run two different programs at the same time.
2. Forward and backward air vent design, can be placed side by side, saving laboratory space.
3. Small size, light weight, easy to carry.
4. Powerful software analysis function, which can be used for Quantitative Analysis, Melting Curve Analysis, Genotyping, Relative quantification, and etc.
5. LED light source has the advantage of energy saving, environmental protection, long service life and maintenance free.
6. The electromagnetic lock cover technology prevents the hot lid from accidentally opening.
7. It is two channel

SPECIFICATIONS

Model	BFJ1H1
Sample Capacity	32x0.2ml(4x8well, dual block)
Formats	Clear 0.2 ml PCR tube /8-tube strips
Reaction Volume	15-100μl
Temperature Control Technology	Marlow customized Peltier allow 1,000,000 cycles
Temperature Range	0-100°C
MAX. Ramp Rate	5°C
Temp. Fluctuation	±0.1°C
Uniformity	≤±0.25°C
Accuracy	≤±0.25°C
Hot Lid Temperature	30°C-110°C(Adjustable, default 105°C)
Temperature Control	Block/Tube
Excitation Wavelength	300-800nm
Emission Wavelength	500-800nm
Factory Calibrated Dyes	F1:FAM/SYBR Green IF2:HEX/VIC/JOE/TET
Excitation	Long life LED
Detection	High sensitivity photoelectric detector
Dynamic Range	1-10^9 Copies
Sensitivity	1 copy
Feature Function	Quantitative/qualitative analysis, Relative quantitative, Melting curve, Genotyping
Date Export Formats	xls,csv,txt,pdf,jpg
Printing	Report can be printed (optional USB thermal printer)
Control Method	7 inch color TFT touch screen, can be connected to computer control
Communication	USB 2.0/ WIFI
Dimension	300x267x198mm(LxWxH)
Net Weight	8KG
Voltage	220VAC, 50Hz
Power	DC15V 255W
Alt Name	Real Time PCR

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