



REAL-TIME THERMAL CYCLER BFJ-704

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REAL TIME PCR



SPECIFICATIONS

Model	BFJ-704
Sample Capacity	32x0.2ml(4x8well, dual block)
Formats	Clear 0.2 ml PCR tube /8-tube strips
Reaction Volume	15-100 μ l
Temperature Control Technology	Marlow customized Peltier allow 1,000,000 cycles
Temperature Range	0-100°C
MAX. Ramp Rate	8°C
Temp. Fluctuation	\pm 0.1°C
Uniformity	\leq \pm 0.25°C
Accuracy	\leq \pm 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 F3: ROX/TEXAS-RED F4: CY5/CY5.5/LC RED
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	11KG
Voltage	220VAC, 50Hz
Power	DC27.5V 600W
Channels	four channel rapid ramp rate
Alt Name	Real Time PCR



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