



## REAL-TIME THERMAL CYCLER BFJ-703

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REAL TIME PCR



## SPECIFICATIONS

Model	BFJ-703
Sample Capacity	32x0.2ml(4x8well, dual block)
Formats	Clear 0.2 ml PCR tube /8-tube strips
Reaction Volume	15-100 $\mu$ l
Temperature Control Technology	Marlow customized Peltier allow 1,000,000 cycles
Temperature Range	0-100 $^{\circ}$ C
MAX. Ramp Rate	8 $^{\circ}$ C
Temp. Fluctuation	$\pm$ 0.1 $^{\circ}$ C
Uniformity	$\leq$ $\pm$ 0.25 $^{\circ}$ C
Accuracy	$\leq$ $\pm$ 0.25 $^{\circ}$ C
Hot Lid Temperature	30 $^{\circ}$ C-110 $^{\circ}$ C(Adjustable, default 105 $^{\circ}$ 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 <sup>9</sup> 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	dual channel rapid ramp rate
Alt Name	Real Time PCR



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada  
Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)