



REAL-TIME THERMAL CYCLER BFJ-803

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REAL TIME PCR



1. Four channels and double 8-well blocks design, can run two different programs at the same time.
2. Built-in software analysis function for qualitative/quantitative analysis.
3. Forward and backward air vent design, can be placed side by side, saving laboratory space.
4. 20G flash memory can save 40,000 experimental data.
5. Adopting side scan technology, the detection distance is close, and the fluorescence acquisition signal is stable.
6. The electromagnetic lock cover technology prevents the hot lid from accidentally opening.
7. One Device Dual Uses
8. Powerful Function

SPECIFICATIONS

Model	BFJ-803
Sample Capacity	16x0.2ml(2x8well, 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	7°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 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, 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	WIFI/USB 2.0
Dimension	300x267x198mm(LxWxH)
Net Weight	8KG
Voltage	220VAC, 50Hz
Power	DC15V 255W
Alt Name	Real Time PCR

FEATURES

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Air channel is in front and back and it allows machine placed side by side



Unique dual block design, one machine dual use.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com