



THERMAL CYCLER BFN-901

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Replace the sample holders easily and quickly without tools, convenient maintenance
 Set variable temperature rates for each section, to meet demanding experimental requirements.
 Electromagnet attraction solution, say goodbye to traditional mechanical locks.
 Run 2 PCR tests independently, each sample holder is an independent device.
 Up to 8°C/s heating rate, compresses experimental time and reduces non-specific amplifications.
 Android system, equipped with 12.1" color edge-to-edge touch screen. Beautiful interface and smooth operation.
 Intelligent heat lid with finger-pinch protection, open or close the lid automatically with one click.

SPECIFICATIONS

Model	BFN-901
Sample holder specifications	0.2ml*48*2 / 0.1ml 48*2
Temperature control range	0-100°C
Screen	12.1" full touch screen
Electric intelligent heat lid (Electric opening and closing heat lid)	Support
Anti-pinch hand function	Support
Heat lid pressure detection	Support
Voice wake switch hot cover	Support
Temperature control method	Imported high-performance thermoelectric refrigeration
Maximum heating rate	≥8.0°C/s
Maximum cooling rate	≥5.0°C/s
Average heating rate	≥3.0°C/s (55°C - 95°C)
Average cooling rate	≥3.0°C/s (95°C - 55°C)
Temperature uniformity	±0.15°C (95°C constant for 10s)
Temperature accuracy	≤0.1°C
Temperature increasing	Support
Time increasing/decreasing	Support
Temperature rise adjustable range	0.1-10°C
Gradient temperature width	30-40°C
Sample holder replacement	Support
Independent operation of sample holder	Support
Modify experimental parameters during operation	Support
Power failure recovery	Support
One-click to start common programs	Support
Nested loops	Support
Communication interface	USB
Operating system	Android
Dimension (L*W*H mm)	510 * 386 * 304
Alt Name	Thermal Cycler

FEATURES

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8G internal storage, equipped USB interface for storage extension and data import or export



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