



## MINI-PCR BFJ-1001

## MINI-PCR BFJ-1001

### SUPER MINI REAL TIME PCR

Q8800 is a super mini real time PCR system. This product uses a four-channel 8-well block design. It uses the MARLOW customized Peltier, high-sensitivity photodetector and side scanning technology to ensure superior performance and stable detection.



1. Small size, light weight, easy to carry.
2. Adopting side scan technology, the detection distance is short, and the fluorescence collection signal is stable.
3. Black reaction block to avoid background noise.
4. Powerful software analysis function, which can perform quantitative analysis, melting curve analysis, genotyping, etc.
5. It has the protection functions of over-current, over temperature, power-off data self recovery, etc.
6. Forward and backward air vent design, can be placed side by side, saving laboratory space.
7. Small Size
8. Powerful Function

## SPECIFICATIONS

| Model                          | BFJ-1001                                                     |
|--------------------------------|--------------------------------------------------------------|
| Sample Capacity                | 8x0.2ml (8 well)                                             |
| 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°C                                                      |
| MAX. Ramp Rate                 | 7°C                                                          |
| Temp. Fluctuation              | $\pm 0.1^{\circ}\text{C}$                                    |
| Uniformity                     | $\leq \pm 0.25^{\circ}\text{C}$                              |
| Accuracy                       | $\leq \pm 0.25^{\circ}\text{C}$                              |
| 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/EVA-Green I                               |
| 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, Melting curve, Genotyping |
| Date Export Formats            | xls, csv, txt, pdf, jpg                                      |
| Communication                  | WIFI/USB 2.0                                                 |
| Dimension                      | 195x165x140mm(LxWxH)                                         |
| Net Weight                     | 3KG                                                          |
| Voltage                        | 220VAC, 50Hz                                                 |
| Power                          | DC15V 150W                                                   |
| Alt Name                       | Super Mini 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)