



**Bioer  
Technology**

# *Thermo Shaker*

*MIXING FREQUENCY UP TO 3000RPM*



 *Touch screen operation*

 *Mixing frequency up to 3000rpm*

 *Quick & easy exchange of blocks*

 *Precise PID temperature control*

**HANGZHOU BIOER TECHNOLOGY CO., LTD.**



\* All right reserved. Please refer to actual product for true colour representation.

## ▶ PRODUCT INTRO & FEATURES

This product can be widely used in sample preservation, various enzymes catalysis reactions, DNA synthesis and plasmid / RNA / DNA purification, PCR reaction preparation, etc.



### MIXING SPEED

Mixing Frequency up to 3000 rpm



### TEMP CONTROL ACCURACY

Ferrotec peltier and precise PID temperature control



### STRONG PERFORMANCE

Up to 10 programs simultaneous;  
Touch screen operation

## ▶ PRODUCT SPECIFICATION

Model No.	MB-202
Temperature Setting Range	0°C ~ 100°C (Minimum Setting Increments 0.1°C)
Temperature Control Range	Room Temperature -15°C ~ 100°C (minimum temperature 0°C)
Temperature Control Accuracy	≤±0.5°C ( 15°C-100°C )
Temperature Control Mode	Block Mode
Temperature Uniformity	≤±0.5°C ( 20°C-45°C ) ≤±0.8°C ( < 20°C or > 45°C )
Interchangeable Blocks	A : 384, B : 96×0.2ml (skirt plate, singletube), C : 54×0.5ml, D : 35×1.5ml, E : 35×2.0ml, F : 12×5.0ml , G : 12×15ml, H : 4×50ml, J : 32×0.2ml+20×1.5ml
Shaking Speed	300rpm~3000rpm
Shaking Amplitude	3mm
Timing Range	1s~99h59min
Power Input	100V-240V AC , 50/60Hz , 180W
Dimension (mm)	310×210×145 ( L×H×W ) ( Base )
Net Weight	5.9kg (with out Block)
Safety Certification	CE, MET, RoHS2.0

## ▶ INTERCHANGEABLE BLOCKS

\*Note : Room Temperature 20-25°C

Block	A : 384	B : 96×0.2ml	C : 54×0.5ml	D : 35×1.5ml	E : 35×2ml
Maximum Shaking Speed (rpm)	3000	2000	2000	2000	2000
Heating / Cooling Rate	≤12min ( 25°C~95°C )	≤12min ( 25°C~95°C )	≤12min ( 25°C~95°C )	≤12min ( 25°C~95°C )	≤12min ( 25°C~95°C )

Block	F : 12×5.0ml	G : 12×15ml	H : 4×50ml	J : 20×1.5ml+32×0.2ml
Maximum Shaking Speed (rpm)	1000	1000	1000	2000
Heating / Cooling Rate	≤18min ( 25°C~95°C )	≤21min ( 25°C~95°C )	≤21min ( 25°C~95°C )	≤12min ( 25°C~95°C )