



**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)



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