

# Orbital Shaker

## Microprocessor controller (with timing function)

### Summary:

Widely applicable for researches on bacteria cultivation, fermentation, hybridization, chemical and biochemical reaction

### Features:

- Microprocessor PID controller, with timing function
- Stainless-steel or alnico plate, non-eroding and easy clean
- DC motor with long using life, wide speed control
- The alarm will get off when the real shaking speed is 10% different with setting value, and motor will stop automatically.
- Speed controller ensures smooth start /stop which can prevent the liquid spill to damage the equipment.
- HZQ-50H and HZQ-120H are with heating plate function
- HZQ-50H and HZQ-120H are with LCD screen, programmable controller (18 periods with temperature, speed and timing)
- HZQ-50H and HZQ-120H are with over-temperature alarm



50 - A



100 - A

## Specifications

Model	50A 100A 200A			
Technical Parameter				
Electrical Requirement	220V 50HZ			
Shaking Speed Range	50~250r/min	20~300r/min	20~250r/min	20~300r/min
Amplitude	10mm.20mm	20mm		
Temperature Range			RT+5~100°C	RT+5~65°C
Display Resolution	0.1°C			
Power Consumption	100W	100W/120W/130W	300W/400W	450W
Platform Size(mm)	280×270	350×260 400×340 450×450	350×260 380×340	400×340
Timing Range	1~9999min			



200 - A



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