



Bluepard Instruments Co., Ltd.  
Suzhou Being Medical Device Co., Ltd.

## **Orbital Shaker & Thermo-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



## Specifications

Model	WSZ-10A(HZQ-10A) WSZ-20A(HZQ-20A)	WSZ-50A(HZQ-50A) WSZ-100A(HZQ-100A) WSZ-200A(HZQ-200A)	HZQ-50H HZQ-120H	HZQ-X100A
Electrical Requirement	220V 50Hz			
Shaking Speed Range	50~250r/min	40~300r/min	40~250r/min	40~300r/min
Amplitude	10mm 20mm	20mm	20mm	20mm
Temperature Range	-	-	RT+5~100℃	RT+5~65℃
Display Resolution	0.1℃			
Power Consumption	100W	100W 120W 120W	350W 400W	450W
Platform Size(mm)	280×270	350×260 400×340 450×450	350×260 380×340	400×340
Timing Range	1~5999min			



HZQ-50H  
HZQ-120H



WSZ-50A  
WSZ-100A  
WSZ-200A