

HZW Series Shaker
HZQ-3112 (Double Layer)
HZQ-3111 (Single Layer)
HZQ-3222(Double Layer)
HZQ-3221 (Single Layer)
Shaker



HZQ series shaker is an open type oscillation device, which integrates the company's years of design and manufacturing experience, breaks through the existing defects of domestic shaker that cannot run continuously for a long time, and is applied to cell culture, fermentation, hybridization, biochemistry and cell tissue research with high requirements for oscillation frequency. It can be used for the motion and static cultivation of microorganism cells and various kinds of bacteria, especially suitable for medium test and large-scale production in the pharmaceutical field.

Product features:

◆ Humanized design

- Quiet operation, creating a better environment for you.
- Large LCD display screen, multiple sets of data displayed on one screen, menu-style operation interface, simple and clear.
- The oscillation table surface is made of stainless steel, which is easy to remove and clean.
- A variety of racks and clamps are available for selection, and the racks and clamps are easy to replace, greatly improving work efficiency.

◆ Quality assurance

- User-set parameters can be automatically stored in the event of a sudden power outage, and the original set program can be run after power is restored.
- This device uses microcomputer control to regulate frequency, has a timer function, and a gentle oscillation start-up function to prevent sample spillage from the vessel.
- It also has a speed monitoring circuit that will stop oscillation if the speed is too fast or too slow, ensuring safe operation.
- It also has a low heat, brushless DC motor with a large starting torque and wide speed range, allowing for continuous operation. It also has a three eccentric shaft balance drive technology to

ensure that samples on the oscillation tray oscillate at the same speed.

- It has a multi-stage programmable control (optional) with simultaneous display of preset and running values, simplifying complex cultivation requirements and enabling automatic control and operation.

Spec:

Model	HZQ-3112 (Double Layer)	HZQ-3111 (Single Layer)	HZQ-3222 (Double Layer)	HZQ-3221 (Single Layer)
Display Mode	LCD			
Rotating Speed / Amplitude	40-300 rpm/35mm			
Standard Configuration	500ml×60Pcs (One Platform 30 Pcs)	500ml×30 Pcs	1000ml×70 Pcs (One Platform 35 Pcs)	1000ml×35Pcs
Platform Size	800mm×600mm		1020×700(mm)	
Platform Number	2	1	2	1
Exterior Dimension (mm)	895×740×900	895×740×460	1115×835×900	1115×835×460
Power Consumption	AC220V 50HZ/250W			

Max Capacity:

	250(ml)	500(ml)	1000(ml)	2000(ml)
HZQ-3111 (Single Layer) HZQ-3112 (Double Layer)	48	30	20	12
HZQ-3221 (Single Layer) HZQ-3222 (Double Layer)	63	35	35	16