

# ORBITAL SHAKER

Brand- **BIOGENIX**®



## Product Description

Our product is an accurately designed, microprocessor controlled with double Decker platform to save your valuable lab space. Three eccentric shaft balancing drive ensures shaking with uniform speed. Speed adjustment settings permit both gentle and vigorous shaking. Varieties of platforms are available for different glassware and vessels.



**BSOR-109**

## 300 SERIES DOUBLE TIER ORBITAL SHAKER

PID controller.

Soft shaking mode, stable and reliable operation.

Eight self-compiled programs, with different speed and time setting.

Automatic operation, auto-stop, timing, time display, parameters memory and recovery function.

Automatic power-off protection system when the motor is overheating and temperature is out of control.

## Features

1. Speed adjustable. Gentle shaking, applied in different industries.
2. LED display time and speed.
3. Compact and clean designed, streamlined fuselage, simple operation, convenient for cleaning.
4. Timing function. Beep alarm when operation ends.
5. DC brushless motor, safe, long life and free of maintenance. Operating silent and stable.
6. Different platforms to adapt different conical flasks and other sample containers for optional choices



# SPECIFICATION

Model	BSOR-109	BSOR-110	BSOR-111
Speed Range	50~300 rpm		50~250 rpm
Maximum Configuration	250 mlx108 or 500 mlx70 or 1000 mlx48	250 mlx192 or 500 mlx120 or 1000 mlx80	250 mlx300 or 500 mlx216 or 1000 mlx112
Shaking Speed Accuracy	±1 rpm		
Timing Range	0~500 h		
Motion	Orbital		
Vibrational Amplitude (mm)	Φ50 mm		
Circulation Mode	Natural convection		
Drive Mode	Unishaft drive		Multi-dimensional driving
Shaking Plate Quantity	2 pcs		4 pcs
External Material	Cold-rolled steel with anti-bacterial power coating		
Platform Dimension	840x620 mm	1108x740 mm	1080x680 mm
Overall Dimension	910x680x820 mm	1270x810x425 mm	1590x1120x950 mm
Package Size (WxDxH)	1010x780x970 mm	1370x910x575 mm	1690x1220x1000 mm
Display	LCD		
Weight	305 kg	557 kg	830 kg
Power	280 W		750 W
Standard Configuration	250 mlx54, 500 mlx35	250 mlx86, 500 mlx60	250 mlx150, 500 mlx108
Power Supply	AC110V/220V±10%,50/60Hz		

## Uses

An orbital shaker is ideal for a variety of general-purpose shaking applications in cell culture, bacterial growth and suspension, staining and washing procedures. This type has a circular shaking motion with low to high speed with less vibrations, ideal for culturing microbes.

Dealer Details



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