Orbital Shakers OS-3200, 220V/50Hz



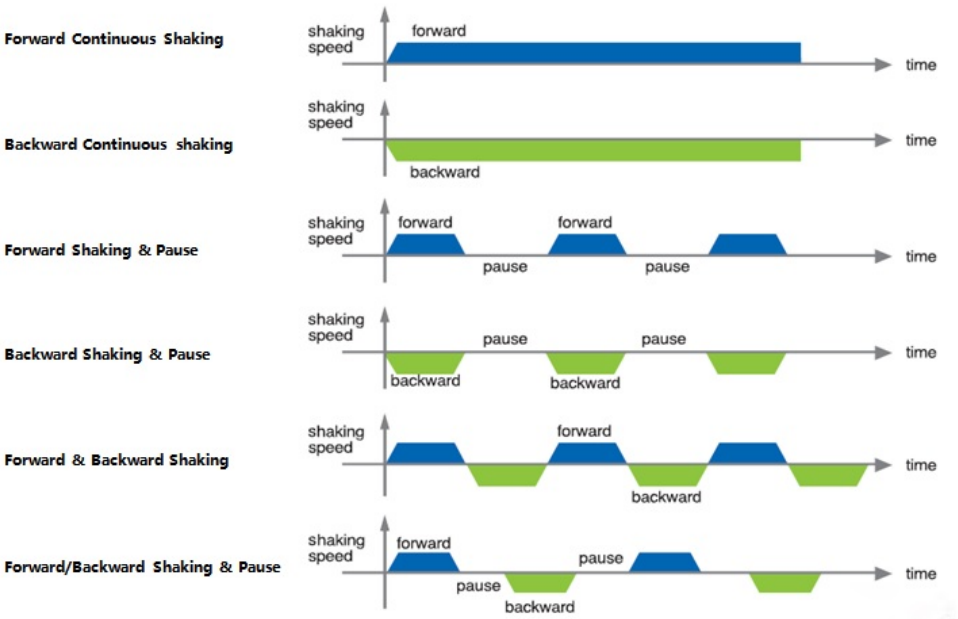
Reciprocating/Orbital Shaker OS-3200 provide two different shaking functions: back and forth, and orbital. Adjustable shaking speed and range. Timer function for maximum flexibility.

Iris orbital shakers feature a rectangular platform that moves in a circular motion to aerate samples. Additional features for all of these units include intuitive controls with a digital display, a robust construction in a compact, space-saving design and smooth running conditions with variable speeds. Our laboratory shakers allow for safe, efficient and easy-to-use operation while reproducing accurate, controlled speeds with every use.

- Two different shaking functions: back and forth, and orbital
- Adjustable shaking speed and range
- Timer function for maximum flexibility
- Corrosion resistant stainless steel housing
- Easy to clean and maintain
- Large mounting surface and big load capacity of up to 15 kg
- Ideal for vessels with more than 250 ml capacity, like round flasks, Erlenmeyer flasks, culture flasks, or culture bottles
- Widely used for bacterial cultures, fermentation, hybridization, biochemical reactions, enzyme or tissue research

Multi-function Shaking System:

The OS-3200 shaker's intensive multifunction shaking system surpasses all previous levels of experience! You can multi-set the shaking motions in maximum six ways of Forward/ Backward/ Pause/ Mix & match upon your various laboratory purposes.



Technical Specification:

Model	OS-3200
Display and Control	LED Digital Display / On-Touch Control
Vibration Style	Reciprocating / Orbital
Speed Adjustment Steps (rpm)	± 1
Platform Size (mm)	755 × 481
Shaker Controller	Microprocessor Digital LED
Shaking Throw (mm)	30 (Standard); 20, 40 (Optional)
Shaking Plate	755 × 481 mm
Max. Load (kg)	30
Timer	999 hr 59 min; Pause: Max. 99 min, Min. 1 min; Forward-and-backward: Max. 9 min 50 sec, Min. 10 sec
Material	Host: stainless steel Working Plate: Aluminium
Motor Input / Output power (W)	140 / 38
External Dimensions (WxDxH) mm	820 × 610 × 152
Electrical Requirements	220V/50Hz
Catalogue No.	5401525-2

Technical Data:

Model	OS-3050		OS-3050R		OS-3100		OS-3150		OS-3200	
Display and Control	LED Digital Display / On-Touch Control		LED Digital Display / On-Touch Control		LED Digital Display / On-Touch Control		LED Digital Display / On-Touch Control		LED Digital Display / On-Touch Control	
Vibration Style	Orbital		Reciprocating		Orbital/Reciprocating		Orbital/Reciprocating		Orbital/Reciprocating	
Speed Range (rpm)	10 - 250		10 - 250		10 - 300		10 - 300		10 - 300	
Speed Accuracy (rpm)	±2 (at 100rpm)		±2 (at 100rpm)		±1rpm		±1rpm		±1rpm	
Amplitude of Vibration (mm)	20 (10 to 400rpm/14mm?10 to 500rpm/8mm Available)		20 (10 to 400rpm/14mm?10 to 500rpm/8mm Available)		30 (Standard); 20, 40 (Optional)		30 (Standard); 20, 40 (Optional)		30 (Standard); 20, 40 (Optional)	
Speed Adjustment Steps (rpm)	± 1		± 1		± 1		± 1		± 1	
Maximum Timer Length (min)	Delay On / Off Time : 1min to 999hr 59min Forward & Backward, Pause : 10sec to 59min 59 sec		Delay On / Off Time : 1min to 999hr 59min Forward & Backward, Pause : 10sec to 59min 59 sec		999 hr 59 min; Pause: Max. 99 min, Min. 1 min; Forward-and-backward: Max. 9 min 50 sec, Min. 10 sec		999 hr 59 min; Pause: Max. 99 min, Min. 1 min; Forward-and-backward: Max. 9 min 50 sec, Min. 10 sec		999 hr 59 min; Pause: Max. 99 min, Min. 1 min; Forward-and-backward: Max. 9 min 50 sec, Min. 10 sec	
Material	Host: stainless steel Working Plate: Aluminium		Host: stainless steel Working Plate: Aluminium		Host: stainless steel Working Plate: Aluminium		Host: stainless steel Working Plate: Aluminium		Host: stainless steel Working Plate: Aluminium	
Maximum Load (including clamps) (kg)	15		15		7.5		15		30	
Motor Input / Output power (W)					45 / 10		70 / 19		140 / 38	
Working Plate Dimension(W × D in mm)	320 × 260		320 × 260		350 × 350		450 × 450		755 × 481	
Outside Dimension(W × D × H in mm)	355x375x140(mm)		355x375x140(mm)		410 × 490 × 160		510 × 595 × 160		820 × 610 × 152	
Accessories	Carrier with Flexible Attachments , Carrier with Fixed Attachments, Carrier with Rubber Plate									
Gross Weight (kg)										
Shipping Weight (kg)										
Shipping Dimensions (mm)										
Electrical Requirements	110V/60Hz	220V/50Hz	220V/50Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	5401505-1	5401505-2	5401510-1	5401510-2	5401515-1	5401515-2	5401520-1	5401520-2	5401525-1	5401525-2



Iris Analytical Ltd.

66 W Flagler St #900 Miami, Florida 33130 United States