Orbital Shaker OS-1600, 110V/60Hz



The OS-1600 Benchtop Orbital Shaker is designed with microprocessor PID control enabling reproducible results every time. Iris OS-1000 Orbital Shakers are fully adaptable to almost any laboratory applications for any type and size of vessel. The user-friendly touch screen control panel is easy to read with a bright clear digital display.

Maintenance-free motor generates smooth and powerful shaking motion over a wide speed range and under heavy workloads. Built-in protection system from over-current, stalled platform, and audible/visible alarms for shaking speed deviation keep the unit worry free. RS-232 and USB ports provide option for external control and data collection. Additional features include intuitive controls, a robust construction in a compact, space-saving design and smooth running conditions with variable speeds. The OS-1600 laboratory orbital shakers allow for safe, efficient and easy-to-use operation while reproducing accurate, controlled speeds with every use.

Applicable for fermentation processes with high demands on the precision of the shaking frequency, bacteria incubation, hybridization, life science, pharmacy, medical science, food industry, chemistry, biology, and other laboratory environments.

- Touch-screen panel
- 2 LED screen digital display
- Actual and setting speed
- Digital speed controller and timer
- Quite and smooth Shaking
- Suitable for carrying heavy load
- Memory of power cut
- Brushless AC motor
- platform can accommodate a mix of flask clamp

Technical Specification:

Model	OS-1600
Display and Control	Digital LED Display / Touch Screen Control Panel
Vibration Style	Orbital
Platform Size (mm)	600 × 480
Shaker Controller	Microprocessor Digital LED
Shaking Width (mm)	25 mm
Speed Controller	Microprocessor Controlled
Speed Display	Digital LED
Shaking Plate	600 × 480 mm
Timer	999 h / 999 min / 999 sec
External Dimensions (WxDxH) mm	600 x 480 x 220 mm
Net Weight (kg)	31 kg
Electrical Requirements	110V/60Hz
Catalogue No.	5400510-1

Technical Data:

Model	**OS-1400**		**OS-1600**		**OS-1900**	
Control Panel	Touch Screen Microprocessor controlled PID Control					
Shaking Speed (rpm)	20~250 rpm					
Shaking Width (mm)	25mm		25mm		50 mm	
Timer	999 h / 999 min / 999 sec					
Shaking Plate (WxD) mm	400 x 300 mm		600 x 480 mm		960 x 600 mm	
Outside Dimension (WxDxH) mm	400 x 300 x 220 mm		600 x 480 x 220 mm		965 x 610 x 220 mm	
Net Weight (kg)	16kg		31kg		98kg	
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	54005051	54005052	54005102	54005102	54005151	54005152



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