Double Platform Orbital Shaker OS-1400D, 220V/50Hz



The OS-1400D Double Platform 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.
- LED 2-screen digital display
- Actual and setting speed
- Shaking smoothly and quietly
- Suitable for carrying heavy duty
- With variable speed, timer control and continuous operation
- Memory of power cut, uses brushless AC motor
- Differential clamps available
- Double platform for large capacity

Technical Specification:

Model	OS-1400D
Display and Control	Digital LED Display / Touch Screen Control Panel
Vibration Style	Orbital
Platform Size (mm)	400 x 300 (2 pieces)
Shaker Controller	Microprocessor Digital LED
Shaking Width (mm)	25 mm
Speed Setting	Digital
Speed Controller	Microprocessor Controlled
Speed Display	Digital LED
Shaking Plate	400 x 300 mm
Timer	999 h / 999 min / 999 sec
External Dimensions (WxDxH) mm	400 x 300 x 500 mm
Net Weight (kg)	20 kg
Electrical Requirements	220V/50Hz
Catalogue No.	5401005-2

Technical Data:

Model	OS-1400D		OS-1600D		OS-1900D	
Control Panel	Digital					
Shaking Speed	20~150 r.p.m					
Shaking Width	25mm					
Timer	999 h / 999 min / 999 sec					
Shaking Plate	400 x 300 (2pcs)		580 x 460 (2pcs)		960 x 600 (2pcs)	
Outside Dimension (WxDxH) mm	400 x 300 x 500 mm		600 x 480 x 500 mm		960 x 600 x 500 mm	
Net Weight (kg)	20kg		60kg		107kg	
Gross Weight (kg)						
Shipping Weight (kg)						
Shipping Dimensions (mm)						
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	5401005-1	5401005-2	5401010-1	5401010-2	5401015-1	5401015-2

Flask Capacity:

Flask Clamp	125ml	250ml	500ml
TS-525D	40	24	12
TS-565D	96	60	40
TS-585D	192	120	80

Accessories:

Model	Image	Name	Details
54010A01		Stainless steel clamp for 50ml Erlenmeyer flask	
54010A02		Stainless steel clamp for 125ml Erlenmeyer flask	
54010A03		Stainless steel clamp for 250ml Erlenmeyer flask	
54010A04		Stainless steel clamp for 500ml Erlenmeyer flask	
54010A05		Stainless steel clamp for 1000ml Erlenmeyer flask	
54010A06		Stainless steel clamp for 2000ml Erlenmeyer flask	
54010A07		Stainless steel clamp for 3000ml Erlenmeyer flask	
54010A08		Stainless steel clamp for 4000ml Erlenmeyer flask	
54010A09		Stainless steel clamp for 5000ml Erlenmeyer flask	



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