

Jeio Tech 20 to 500rpm Open Air Shaker (Dual Action) - OS-3000

Product Code: AAH3DI2I5K

Brand: Jeio Tech

Jeio Tech's 20 to 500rpm Open Air Shakers (Dual Action) - OS-3000 features selectable dual shaking motions, orbital and reciprocating. The microprocessor PID controller controls the shaking speed via the maintenance-free BLDC motor up to 500rpm and allows vibration-free shaking at low speed. Jeio Tech's unique VFD is bright, clear and easy to read. An RS-232 interface and USB port are included for external control and data collection. Platform required (not included).

Features

Performance

- Dual-action shaking motion: orbital/reciprocating
- Microprocessor PID control/shaking speed calibration
- Competitive high shaking speed up to 500rpm. Also stable shaking is available even at low speed
- Shaking motion in various amplitude (19.1mm or 25.4mm)
- Wide speed range even with heavy workload. Equipped with a maintenance-free BLDC motor to generate smooth, quiet, uniform, and yet powerful shaking motion
- Best effort run function intelligently manages its rpm to keep shaking even if workload is out of its capacity
- Pleasant test environment by the smooth acceleration and deceleration control
- Low-profile design minimises vibration or sliding caused by the high speed shaking motion

Convenience

- **User-friendly control panel:** Jeio Tech's unique VFD (bright, clear, easy to read) and durable membrane touch switch and control knob
- Easy-set digital timer (1 min. to 999 hr. 59 min.)
- Repetitive tasks can be easily performed as the platform stops where it starts. Stopping the shaking platform always at the same position is highly beneficial for automated dosing or sampling process
- Speed is basically set and displayed in increments of 1rpm. Also speed increment interval can be set among 1, 5, 10rpm according to users preference
- RS-232 port and USB port for external control and data collection

Safety

- Automatic run after power interruption
- Shaking speed deviation alarm
- Over-current protection, stalled platform check



Specifications

Max. Load (orbital), kg		10 at 500rpm	
Max. Load (reciprocal), kg		8.5 at 500rpm	
Motion Type		Orbital or Reciprocating	
Orbit Diameter (mm)		19.1 (25.4 available)	
Speed Range (rpm)		20 to 500	
Timer		1 min. to 999 hr. 59 min.	
Dimensions (W x D x H)		409 x 508 x 141mm	
Net Weight (kg)		28	
Max. Mountable Flask Clamps	Stainless Steel	For 50ml	36
		For 100ml	28
		For 250ml	14
		For 300ml	
		For 500ml	10
		For 1 Litre	6
		For 2 Litres	4
		For 2.8 Litres	3
		For 4 Litres	1
	For 6 Litres		
	Plastic	For 50ml	36
		For 100 - 125ml	19
		For 200ml	13
		For 250ml	
		For 300ml	12
		For 500ml	9
For 1 Litre		5	
For 2 Litres		4	

Unit 3, Tower Business Park
 Warpsgrove Lane
 Chalgrove
 Oxfordshire
 OX44 7XZ

Tel: (+44) 01865 400321

Email: enquiries@medlinescientific.com

Website: www.medlinescientific.com