

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 Shaker (Dual Action) - OS-3000 offers two dual action shaking motions with numerous amplitude settings: orbital and reciprocating.

With its compact and interchangeable design, this lab shaker can accommodate various types and sizes of vessels (flasks up to 6 litres) and is suitable for use in chambers.



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:

Shaking System	Motion Type	Orbital or Reciprocating (motion selectable)
	Amplitude Size (mm)	19.1 (25.4 available)
	Speed Range (rpm)	20 to 500
	Accuracy	± 1% of set speed (> 100rpm)/± 1 (≤ 100rpm)
	Timer	1 min. to 99 hr. 59 min.
Max. Load (kg)		10 at 500rpm in orbital shaking motion 8.5 at 500rpm in reciprocating shaking motion
Dimensions	Platform (w x d)	350 x 350mm
	Body (w x d x h)	409 x 508 x 141mm
	Net Weight (kg)	28
Electrical Requirements (230V, 50/60Hz)		0.3A



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