

## OS-2000 Open-air Shakers (Dual-Action Models)

Manufacturer:

SKU#: 8194-10-0924

Dual-action benchtop platform shakers accommodate flask up to 6L. The most versatile shakers at a reasonable price offer an ideal solution for your mixing needs.



## **Product Description**

Safety Features Worry-free operation. - Automatic shaking speed adjustment in case of excessive workload such as unbalanced load placement, unusual vibrations caused from unstable floor or external shock. Automatic run is available with non-volatile set point memory after power interruption, indicated in control display. Audible/Visible alarm activated by shaking speed deviation. Shaker protection system against over-current, stalled platform check. (Stalled platform check is only for OS-4000) Operational Features Microprocessor PID control and shaking speed calibration. Dual-action shaking motion: orbital or reciprocating. Speed range: 10 to 500 rpm. Timer range: 1 min. to 999 hr 59 min. Adjustable shaking amplitude. - 12.7mm or 19.1mm for OS-2000 - 19.1mm or 25.4mm for OS-3000 User friendly control panel. - Lab Companion s unique VFD-bright, clear, easy to read. - Durable membrane touch switch and control knob. Speed is basically set and displayed in increments of 1 rpm. Also speed increment interval can be set among 1, 5, 10 rpm according to users preference. Built-in RS-232 port and USB port for external control and data collection. Constructional Features Wide speed range even with heavy workload. - Equipped with a maintenance-free BLDC motor to generate smooth, quiet, uniform, and yet powerful shaking motion. Repetitive task 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. Pleasant test environment by the smooth acceleration and deceleration control. - Smooth start and smooth stop function prevent chemical spills from flasks or test tubes. Low-profile design minimizes vibration or sliding caused by the high speed shaking motion. Various accessories.

## OS-2000 Open-air Shakers (Dual-Action Models) Specification

Model	OS-2000	OS-3000
Shaking	Motion type	Orbital or Reciprocating motion
system		selectable
Amplitude Size	12.7, 19.1 / 0.5, 0.8	19.1, 25.4 / 0.8, 1
(mm / inch, dia.)	(Standard 19.1 / 0.75)	(Standard 19.1 / 0.75)
Speed Range (RPM)	10 to 500	
Accuracy	1% of set speed (>100rpm) / 1	
	(<100rpm)	
Timer	1 min. to 999 hr 59 min.	
Max Load (kg / lbs)	10 / 22.0 at 500 rpm in Orbital shaking	
	motion	
	8.5 / 18.7 at 500 in Reciprocating shaking	ng
	motion.	
Dimensions	Platform (W D) (mm / inch)	320 260 / 12.6 10.2
Exterior (W D H)	354x388x146/ 13.9x15.3x5.7	409x508x141/ 16.1x20x5.6
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Net weight (kg / lbs) 22 / 48.5 28 / 61.7 Electrical Requirements (230V, 50/60Hz) 0.3 A 0.3 A

Cat. No. **AAH3D1115K** AAH3D1215K

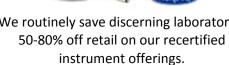
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