



# ORBITAL-GENIE™

## Benchtop Orbital Shaker



### New and Improved Design with "Whisper Quiet™ Technology"

- Choice of THREE different units depending on preferred platform.
- Variable shaking speed with orbit REVERSING.
- Fully programmable - time, reversing time, and acceleration/deceleration rates.
- Create any mixing action from a smooth vortex to sloshing aeration (or anything in between).
- Programmable ramping feature ensures a smooth ramp-up to desired speed avoiding potential spills.
- Large independent LED's for speed and time allowing operator to view all settings at once.
- May be used in cold room or incubator.

### Platform Options



**1. Orbital-Genie With Universal Ratcheting Clamps** provides the flexibility for using a mix of different size and shape vessels on a single platform. Unit is supplied with two ratcheting and one non-ratcheting cushioned clamps. Extra ratcheting clamps are available.



**2. Orbital-Genie With Adhering Mat** provides a flat platform with adhering rubber mat perfect for use with open containers. Patented material is naturally adhering. Rinse clean to renew adhering properties.



**3. Orbital-Genie For Standard Flask Clamps** is equipped with a platform for accepting various size flasks or beakers. Clamps sold separately.

## Ordering Information and Accessories

### ORDERING INFORMATION

Catalog No.	Description
1224A31	Orbital-Genie Shaker, Ratcheting Clamps, 120V
1224A33	Orbital-Genie Shaker, Standard Flask Clamps, 120V
1224A35	Orbital-Genie Shaker, Adhering Mat, 120V
1224A32	Orbital-Genie Shaker, Ratcheting Clamps, 230V, No Plug
1224A34	Orbital-Genie Shaker, Standard Flask Clamps, 230V, No Plug
1224A36	Orbital-Genie Shaker, Adhering Mat, 230V, No Plug



**Flask Clamps** are of stainless steel construction for added strength and safety. Mix and match different size clamps on same platform or all same size (capacity is indicated). Includes mounting screws. Note: Flask Clamps can also be used on 1224A35 or 1224A36 by removing the blue Adhering Mat.

**Double Sided Adhesive Tape and Adhering Mat** are alternatives to flask clamps for securing vessels to shaker platform. Both are ideal for containers such as bottles and dishes that cannot be held with conventional clamps. Note: Tape and Mat cannot be used on 1224A31 and 1224A32.

### ORDERING INFORMATION

Catalog No.	Description	Platform Capacity	Catalog No.	Description
1218A03	100 mL Flask Clamp	36	1218V09	Double Sided Adhesive Tape Roll, 60in x 1in (1.5m x 25.4mm)
1218V04	125/150 mL Flask Clamp	36	1218V10	Adhering Mat, Blue, 18in x 18in (460mm x 460mm)
1218V05	250 mL Flask Clamp	25	1218V11	Universal Ratcheting Clamp
1218V06	500 mL Flask Clamp	16		
1218V07	1 L Flask Clamp	9		
1218V08	2 L Flask Clamp	5		

### Specifications

Speed	10 - 300 RPM including stir reverse	Platform Dimensions (D x W)	460 x 460mm (18 x 18in)
Timer	1 min - 99 hours w/Alarm or Continuous	Overall Dimensions (D x W)	590 x 500mm (23 x 20in)
Orbit	35mm	Maximum Load	12 Kg (26 lbs.)
Selectable Ramp Rates	10 - 100 rpm/sec	Weight	21 Kg (46 lbs.)



**Thomas**  
Scientific

800.345.2100 • 800.345.5232 fax  
PO Box 99 • Swedesboro, NJ 08085  
[www.thomassci.com](http://www.thomassci.com) • [value@thomassci.com](mailto:value@thomassci.com)

