



# ORBITAL-GENIE™

## Benchtop Orbital Shaker



SI-1500

SI-1700

SI-1600

The Most Versatile Orbital Shaker Available - From the Makers of the Vortex-Genie®!

- 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 and CO2 environments.

### Platform Options



1



2



3

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.



Home of the Multi-Task Genie™ Family  
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## Ordering Information and Accessories

### ORDERING INFORMATION

Catalog No.	Description
SI-1500	Orbital-Genie Shaker, Ratcheting Clamps, 120V
SI-1600	Orbital-Genie Shaker, Standard Flask Clamps, 120V
SI-1700	Orbital-Genie Shaker, Adhering Mat, 120V
SI-1501	Orbital-Genie Shaker, Ratcheting Clamps, 230V, No Plug
SI-1601	Orbital-Genie Shaker, Standard Flask Clamps, 230V, No Plug
SI-1701	Orbital-Genie Shaker, Adhering Mat, 230V, No Plug
SI-1502	Orbital-Genie Shaker, Ratcheting Clamps, 230V, European Plug
SI-1602	Orbital-Genie Shaker, Standard Flask Clamps, 230V, European Plug
SI-1702	Orbital-Genie Shaker, Adhering Mat, 230V, European Plug
SI-1503	Orbital-Genie Shaker, Ratcheting Clamps, 230V, British Plug
SI-1603	Orbital-Genie Shaker, Standard Flask Clamps, 230V, British Plug
SI-1703	Orbital-Genie Shaker, Adhering Mat, 230V, British Plug
SI-1504	Orbital-Genie Shaker, Ratcheting Clamps, 230V, Swiss Plug
SI-1604	Orbital-Genie Shaker, Standard Flask Clamps, 230V, Swiss Plug
SI-1704	Orbital-Genie Shaker, Adhering Mat, 230V, Swiss Plug
SI-1506	Orbital-Genie Shaker, Ratcheting Clamps, 230V, Australian Plug
SI-1606	Orbital-Genie Shaker, Standard Flask Clamps, 230V, Australian Plug
SI-1706	Orbital-Genie Shaker, Adhering Mat, 230V, Australian Plug
SI-1505	Orbital-Genie Shaker, Ratcheting Clamps, 100V
SI-1605	Orbital-Genie Shaker, Standard Flask Clamps, 100V
SI-1705	Orbital-Genie Shaker, Adhering Mat, 100V



**Flask Clamps** (for SI-1600) 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 SI-1700 by removing the blue Adhering Mat.

**Double Sided Adhesive Tape and Adhering Mat** (for SI-1600 or SI-1700) 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 SI-1500.

### ORDERING INFORMATION

Catalog No.	Description	Platform Capacity	Catalog No.	Description
SI-1610	100 mL Flask Clamp	36	SI-1616	Double Sided Adhesive Tape Roll, 60in x 1in (1.5m x 25.4mm)
SI-1611	125/150 mL Flask Clamp	36	SI-1617	Adhering Mat, Blue, 18in x 18in (460mm x 460mm)
SI-1612	250 mL Flask Clamp	25	SI-1510	Universal Ratcheting Clamp
SI-1613	500 mL Flask Clamp	16		
SI-1614	1 L Flask Clamp	9		
SI-1615	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.)



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