

SCIENTIFIC INDUSTRIES SUGGESTED CATALOG COPY

Suggested Category: **Shakers, Orbital**

New!! Orbital-Genie™— Benchtop Orbital Shaker

A powerful large capacity orbital shaker designed to hold any type of container. Available in three platform versions.

The fully programmable orbital shaker features variable speed including orbit reverse, timer from 1 minutes to 99 hours with alarm, programmable acceleration and deceleration rates. The ramping features ensures a smooth ramp-up to desired speed avoided potential spills. Operator can create any mixing or shaking action from a smooth vortex to sloshing aeration (or anything in between). The unit can be used in cold room or incubator and CO2 environments. Available in three platform options as follows:

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 cushioned clamps. Extra ratcheting clamps for more than two rows of smaller vessels are optional.
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

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-1610	100 mL Flask Clamp (Platform accepts 36 of this size)
SI-1611	125/150 mL Flask Clamp (Platform accepts 36 of this size)
SI-1612	250 mL Flask Clamp (Platform accepts 25 of this size)
SI-1613	500 mL Flask Clamp (Platform accepts 16 of this size)
SI-1614	1 L Flask Clamp (Platform accepts 9 of this size)
SI-1615	2 L Flask Clamp (Platform accepts 5 of this size)
SI-1616	Double-Sided Adhesive Tape Roll, 60in. x 1in. (1.5m x25.4mm)
SI-1617	Adhering Mat, Blue, 18in. x 18in. (460mm x 460mm)
SI-1618	Non-slip Mat for Low Speed
SI-1510	Universal Ratcheting Clamp

SPECIFICATIONS

Supplied with	SI-1500 and SI-1501 is supplied with two ratcheting and one non-ratcheting cushioned clamps. SI-1600 and SI-1601 is supplied with platform which will accept flask clamps sold separately. Also can be used with Blue Adhering Mat sold separately (SI-1617) or Double Sided Adhesive Tape sold separately (SI-1616). SI-1700 and SI-1701 is supplied with a blue adhering mat. By removing the blue adhering mat, the platform is ready to also accept flask clamps sold separately or Double Sided Adhesive Tape sold separately (SI-1616).
Speed	10 – 300 RPM including stir reverse
Timer	1 min – 99 hours w/Alarm or Continuous
Orbit	35mm
Selectable Ramp Rates	10 – 100 rmp/sec
Maximum Load	12 Kg (26 lbs.)
Platform Dimensions (D x W)	460 x 460mm (18 x18in)
Overall Dimensions (D x W)	590 x 500mm (23 x 20in)
Weight	21 Kg (46 lbs.)
Warranty	2-year manufacturer warranty