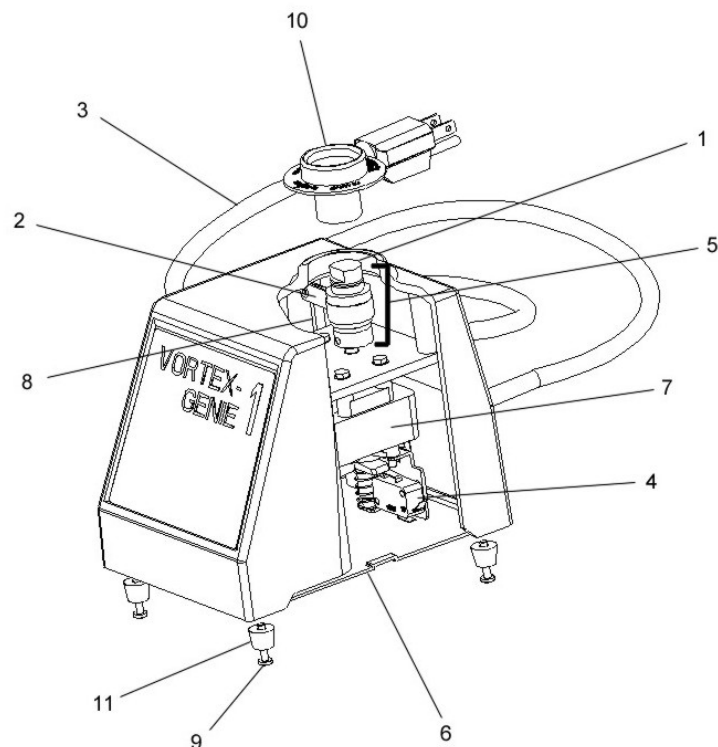


VORTEX-GENIE® 1

Parts Assembly List

To order parts for the Vortex-Genie® 1:
Contact your local distributor. Please specify part #,
quantity and electric voltage.



Indicator #	Part #	Description
1	OK-0136-902	Bearing Retainer Kit
2	OK-0236-903	Eccentric Clamp
3A	318-0510-00	120V Line Cord
3B	OK-0246-901	240V Line Cord, without Plug
3C	OK-0256-901	240V Line Cord, European Plug
3D	OK-0266-901	240V Line Cord, British Plug
3E	OK-0276-901	240V Line Cord, Swiss Plug
3F	OK-0286-901	100V Line Cord
4	ESP0005	Micro Switch
5	OK-0136-904	Eccentric with Clamp Assembly
6	OM-0236-208	Bottom Closure
7A	OK-0236-905	Motor 120V Assembly
7B	OK-0246-915	Motor 240V Assembly
7C	OK-0286-915	Motor 100V Assembly
8	OM-0136-201	Spring, Anti-Rotation
9	SCP0030	Screws, Bottom Closure (4)
10	146-3011-00	Pop-Off Cup Head
11	HWP0037	Feet (4)

VORTEX-GENIE® 1

TOUCH MIXER

OPERATING INSTRUCTIONS

Models SI-0136, SI-0146, SI-0186



Scientific Industries Inc.

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The latest Vortex-Genie® 1 Mixer is a powerful basic mixer that will easily obtain miscibility with the most difficult mixing situations. With proper care, the Genie 1 will provide years of very reliable service and satisfaction. The Vortex-Genie 1 comes equipped with the standard pop-off Cup Head attached. The Vortex-Genie 1 will also accept the three-inch diameter Platform Head.

Applications

The standard Cup Head will accommodate tubes of virtually any size or shape from micro-tubes to sizes that are 40 mm in diameter and 200 mm in length.



The three-inch Platform Head accepts single or multiple flasks, beakers, and other containers. The removable cover, made of thermoplastic rubber is highly impervious to chemical attack. It is recommended that spills are blotted quickly. Do not attempt to use the three-inch Platform Head without its cover.

Catalogue numbers:

0K-500-901: 3" Platform head attachment.

580-2013-00: Rubber cover for 3" Platform Head.



OPERATING INSTRUCTIONS

1. Place the Vortex-Genie® 1 on a sturdy, level work surface.
2. Connect the power cord to a properly grounded three-pronged receptacle. 120V for the SI-0136 model; 240V for the SI-0146 model; 100V for the SI-0186 model.
3. The Vortex-Genie® 1 is now ready for touch mixing. Simply touch a tube to the mixing cup, apply slight pressure, and the micro-switch will start the motor, thereby providing very vigorous mixing that will result in a vortex occurrence of the contents of the tube.
4. The three-inch Platform Head is an accessory that may be ordered separately and used on the Vortex-Genie® 1. The standard cup head may be removed and replaced with the three-inch Platform Head. **First...unplug the Vortex-Genie® 1 from its electrical power source.** Pop off the standard tube head by inserting your fingers under the Cup Head flange and lift the Cup Head with a prying motion. Align the flat surface of the Vortex-Genie 1 mixing shaft with the flat surface of the shaft receptacle on the under side of the three-inch Platform Head. Press downward until the three-inch head snaps into place.
5. Reconnect the Vortex-Genie 1 to the properly grounded power source. The Vortex-Genie 1 is now ready for touch mixing using the three-inch Platform Head.



CAUTION! Do not lift your Vortex-Genie® 1 by its head.

Both the Cup Head and the three-inch Platform Head are removable. They will pop off easily if you lift them, and snap back on again just as easily by aligning the flats and pressing down.



CAUTION! Failure to follow operating instructions can compromise the user's safety.

Care and Handling

Your Vortex-Genie® 1 Touch Mixer should be given the care normally required for any electrical appliance. Avoid wetting or unnecessary exposure to fumes. The finish can be washed with water (after unplugging) and soap or detergents, using a cloth or sponge. Replacement parts are available through your laboratory equipment distributor. Refer to "Parts Assembly List".



CAUTION! Unplug from power before cleaning. Do not immerse.

SPECIFICATIONS

The Vortex-Genie® 1 Touch Mixer is classified as "Installation Category 2"

Environmental: 0°C – 38°C(32°F-100°F), 95% Humidity max.

MODEL	POWER REQUIRED	AMPS
SI-0136	120V/60Hz.	0.65
SI-0146	240V/60Hz	0.5
SI-0186	100V/50-60Hz	1.0