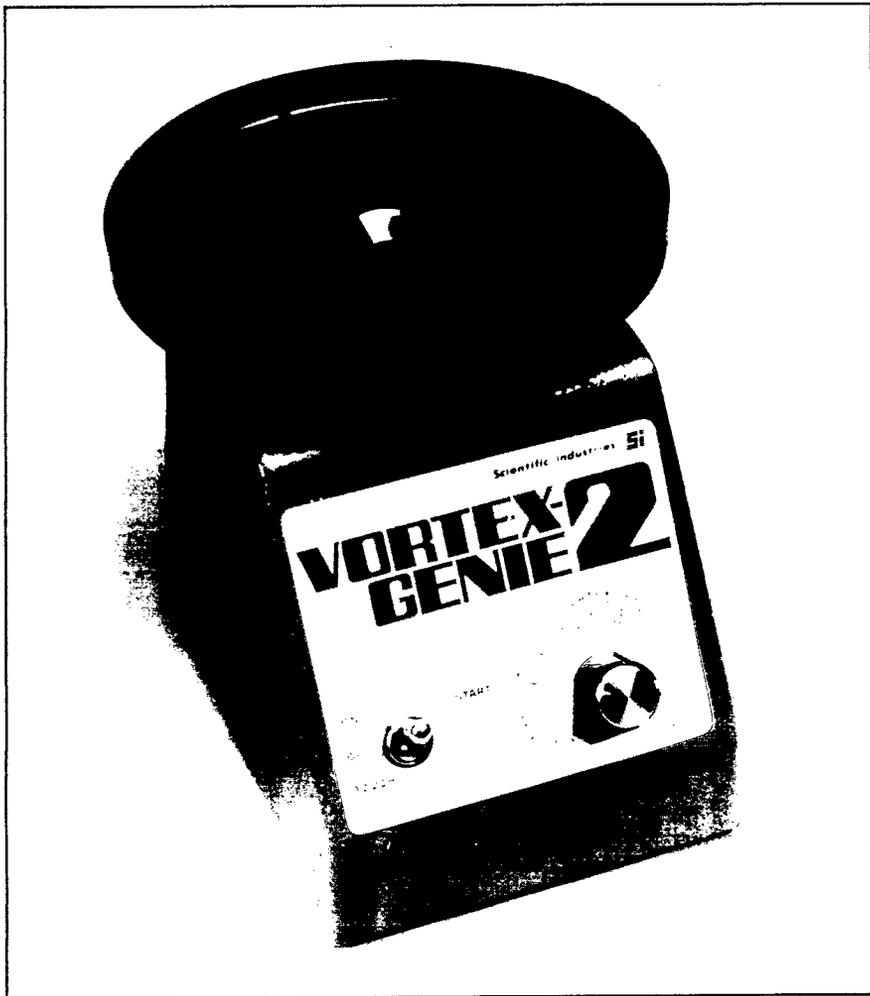


6640-01-258-0006

VORTEX GENIE 2™

OPERATING INSTRUCTIONS

Models G560 and G560E



Scientific Industries, Inc.

The VORTEX GENIE 2™ MIXER, with a cup head and a three-inch platform head that you have just purchased, is an upgraded version of the industry standard VORTEX GENIE™ MIXER with many new capabilities and features.

It has interchangeable Quick-Change™* snap-on heads which can be pressed on and popped off without the use of tools. It features "constant" on and "touch" on capability. The motor has been strengthened to accommodate the weight of the new functions. Your VORTEX GENIE 2™ MIXER has both vortex *and* shaking actions greatly expanding the applications it can be used for. It allows very slow operation without sacrificing high speed performance. So any desired mix homogeneity can be achieved (and repeated) according to viscosity, miscibility, and container.

APPLICATIONS

The three-inch platform head accepts single or multiple test tubes, beakers, and various flasks. The removable cover, made of thermoplastic rubber, is highly impervious to chemicals, but it will last longer if you blot up spills. Do not attempt to use the three-inch platform head without its cover.



The cup head can take almost any size or shape tube from micro tubes up to at least 40mm diameter and 200mm length. Just as the original Genie™ Mixer did. In almost all cases tubes can be mixed uncapped. Proper speed control prevents overflow.



OPERATING INSTRUCTIONS

1. Plug the cord into a properly grounded, three-pronged outlet. (120V for the G560 model; 240V for the G560E model.)
2. Your VORTEX GENIE 2™ is supplied with the 3" head installed and is ready to use for most one-handed applications. To install the cup head or other head attachments follow these steps:
 - a. Turn power to "OFF" position
 - b. Remove the installed head by pulling up straight
 - c. Place alternate head on post and rotate until "flats" align
 - d. Press head down firmly until it "snaps" into place
(See back page for information about other head attachments)
3. For intermittent operation, push switch to "TOUCH" position. *NEW!*
For continuous operation, push the switch up to "ON" position.
4. In either case, turn speed control to "START"—#3 in the shake range. (Mixer will not usually start if dial is lower than #3.) In the "ON" position you will see the head in motion immediately. In the "TOUCH" position the vessel you are using must come in contact with the head to achieve motion. To get the desired mix, vary the speed of the motor and/or the angle of contact and pressure against the mixing head.
5. When finished with either continuous or intermittent operation, return switch to "OFF" position in the center.
6. Your VORTEX GENIE 2™ MIXER can become warm to the touch with constant use. There is nothing wrong with it. The stronger motor— UL listed—simply puts out more heat.

Do not lift your VORTEX GENIE 2™ by its head

All its heads, including the cup, are removable. They will pop off easily if you lift them. And snap on again just as easily by aligning and then pressing down.

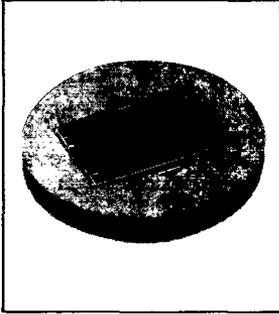
Care and handling

Your VORTEX GENIE 2™ 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 and soap or detergents, using a cloth or sponge.

ADDITIONAL ATTACHMENTS

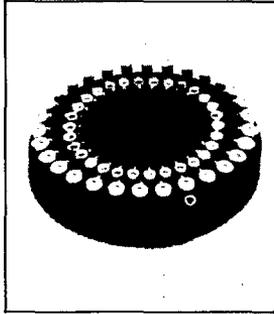
H301 Multiple sample head starter set. Includes 6-inch platform head, insert for 60 micro-tubes (5.0mm to 10.5mm) and 96 well plate insert.

96 MICRO-WELL PLATES



Fits 6-inch platform for microtitration, tissue culture, serology and other assays. Plates can be vortexed or shaken without cross contamination.

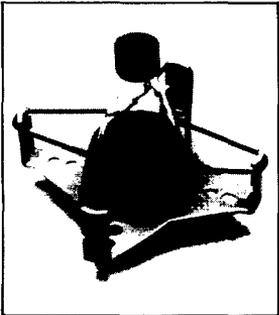
60 MICRO-TUBES



Fits 6-inch platform. Accepts up to 60 micro-centrifuge or micro-tubes for unattended vortexing or gentle shaking.

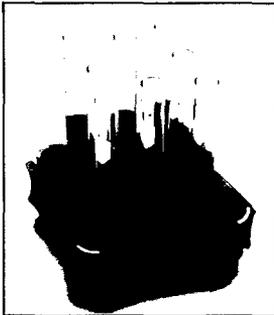
H302 Large sample head set for beakers, flasks and large tubes. Includes recessed platform, elastic bands, assortment of inserts for tubes (10.0mm to 37.0mm).

FLASKS



Elastic bands securely fasten various sizes of flasks for continuous vortexing or shaking.

TUBES



Fits recessed platform. Accepts tubes from 10mm to 37mm diameter. Inserts hold 4 to 8 tubes, depending upon size.

BEAKERS



Recessed platform firmly holds beaker for continuous vortexing or shaking of volumes up to 250 ml.



Scientific Industries, Inc.

Airport International Plaza

70 Orville Drive, Bohemia, NY 11716 (516) 567-4700 • FAX (516) 567-5896