



VERSA-ORB2™ Orbital Shaker

CLS-4021-100



OPERATIONS MANUAL

3800 North Mill Road • Vineland, NJ 08360 • USA
Tel: 1-800-843-1794 • Fax: 1-800-922-4361
Web: www.cglifesciences.com

REV: C 1222

FEATURES

1. Trouble free brushless DC motor
2. Power supply for 100 to 240VAC service.
3. A 1 inch orbit.
4. Low profile space saving housing.
5. Non-slip trouble free toothed belt design for long life.
6. 10 - 350 revolutions per minute.
7. Illuminated LED display.
8. Rotary speed knob has locking ring.
9. Tray sizes available: (12"x12", 15"x15", 20"x20")
10. Peg and Grommet tray mounting.
11. Suction cup style feet for stability.
12. 2 - YEAR Warranty

GENERAL USE

The Chemglass Life Science's VERSA-ORB2™ Orbital Shaker is a heavy duty, variable speed shaker for general laboratory use. The low profile design incorporates a 1 inch orbit platform that accepts a variety of optional trays, as well as similar trays from other manufacturers.

SPECIFICATIONS

Supply Voltage - 100VAC to 240VAC +/-10%, 50-60 Hz

Dimensions H x W x D - (inches 4½ x 11½x 12), (centimeters - 11.4 x 30 x 31)

Base Weight - 13lbs (5.9kg)

Maximum Load - 25lbs (10.9kg)

Ambient Temperature - 0 to 40°C, 32 to 104°F

Fuse - 2AMP (5x20mm)

SET-UP

(See Figure 1)

1. Connect the detachable power cord to the AC/DC converter (DC power supply) and connect to “INPUT 24Vdc” receptacle in rear of unit and then plug power cord into a suitable electrical outlet.
2. Secure suction cup feet on work bench.
3. Mount appropriate tray atop of shaker platform - position pegs into grommets.
4. Equally distribute load on tray.

***NOTE:** If using tilting rack p/n CLS-4285-R1, at an angle greater than 10 degrees, it is recommended not to exceed 150 rpm's. Please contact Chemglass Life Sciences with any special requirements.*

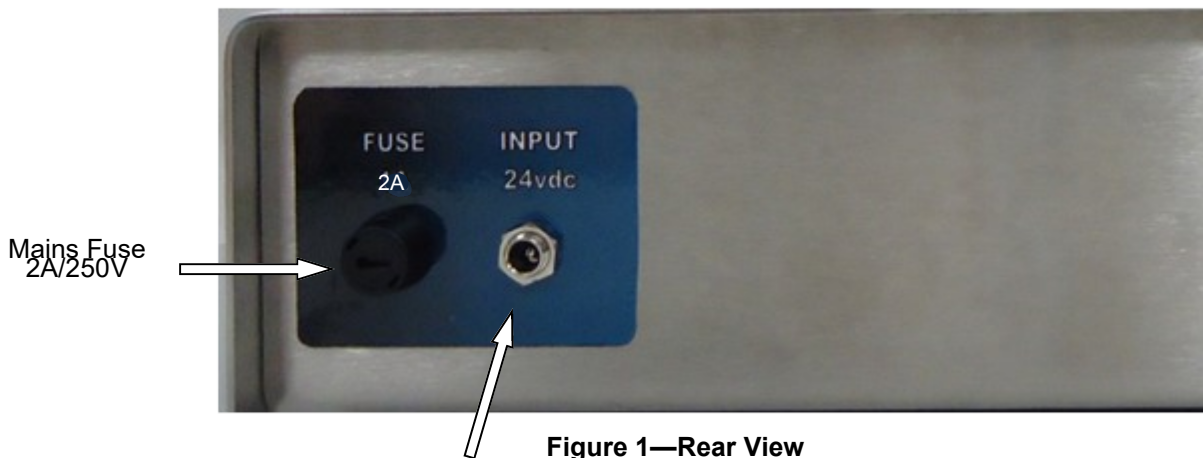


Figure 1—Rear View

24Vdc INPUT Receptacle

OPERATION

See figure 2

To operate, turn the main power switch to the “ON” position. Turn the speed control knob to set the desired rpm value. The units are designed to operate within a range of 10 - 350 revolutions per minute. Adjust the speed by turning the speed control knob, CW to increase speed, CCW to decrease it. The unit will ramp up (or down) to your selected speed. Turn the “LOCK” ring clockwise about an eighth of a turn to prevent any inadvertent changes to the set speed. Turn the “LOCK” ring counterclockwise to unlock the speed control knob.

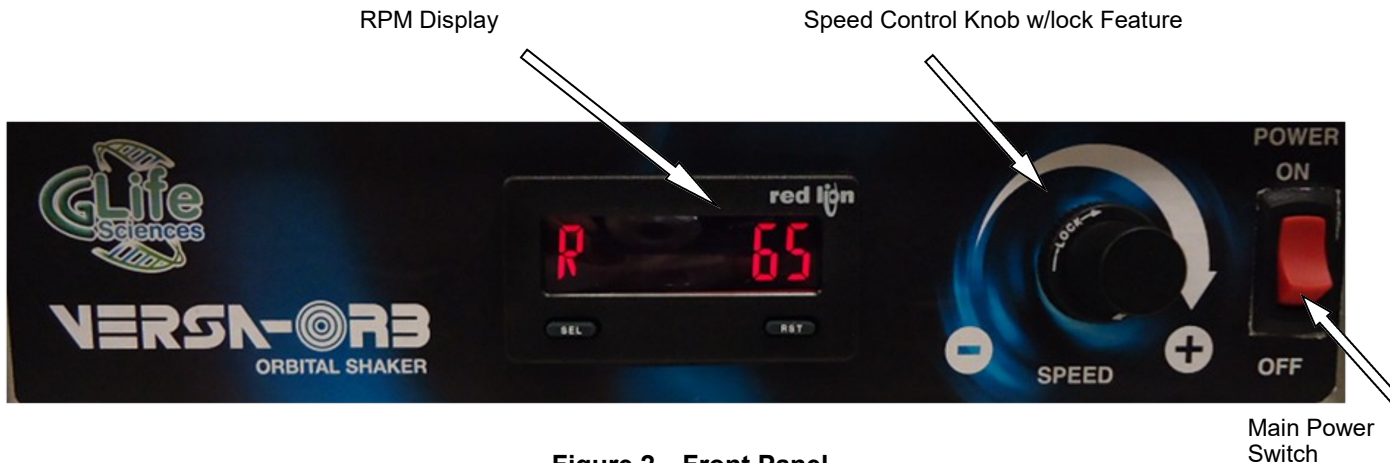


Figure 2—Front Panel



Warranty

Chemglass, Inc. guarantees this unit against defects in material and workmanship for a period of two years from the date of purchase. If the unit should malfunction, it must be returned for evaluation. If the unit is determined to have a defect in materials or workmanship, then it will be repaired or replaced at no charge. Tampering with the unit or damage resulting from excessive current, heat, moisture, vibration, corrosive materials, or misuse will void this warranty. Programming changes or reconfigurations are not covered under warranty.

To return this item, within or beyond the warranty period, advise Chemglass Life Sciences customer service department (800-843-1794) of issue and you will be provided with a return authorization number. The unit will be evaluated and repaired as required in accordance to the warranty. If it is beyond the warranty period or not covered under warranty, a repair quote will be issued to user.

Please contact the Chemglass Life Sciences Returns Dept. for repair information.

Chemglass Returns department:

Tel: 1-800-843-1794 Fax: 1-800-922-4361

Email: clsreturns@cglifesciences.com