



CLS-3869-100

**VERSA-ROLL™
Digital Roller
Drum**



OPERATIONS MANUAL

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REV: CG1148

FEATURES

1. Trouble free brushless DC motor
2. Integrated power supply for 100 to 240VAC service.
3. Illuminated LED display.
4. Non-slip trouble free toothed belt design for long life.
5. 1 - 30 revolutions per minute.
6. Rotary speed knob has locking ring.
7. Uses 12 inch diameter Drums. Available in: (106 Position 13-18mm Tubes, 60 Position 20-25mm Tubes, 50 Position 30mm Tubes)
8. Adjustable front tilt angle.

GENERAL USE

The Chemglass Life Science's VERSA-Roll™ Digital Drum Roller is ideal for growing mini preps as well as tissue and bacterial cultures by the roller tube method. The drums are easily removed, interchangeable and can be used as carrying trays.

SPECIFICATIONS

Supply Voltage - 100VAC to 240VAC +/-10%, 50-60 Hz
Base Overall Dimensions - (inches 12 x 12.2 x 17)
Base Weight - 18 lbs
Ambient Temperature - 0 to 40°C, 32 to 104°F
Mains Fuse - 2AMP (5x20mm)

SET-UP

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. (See Figure 1)

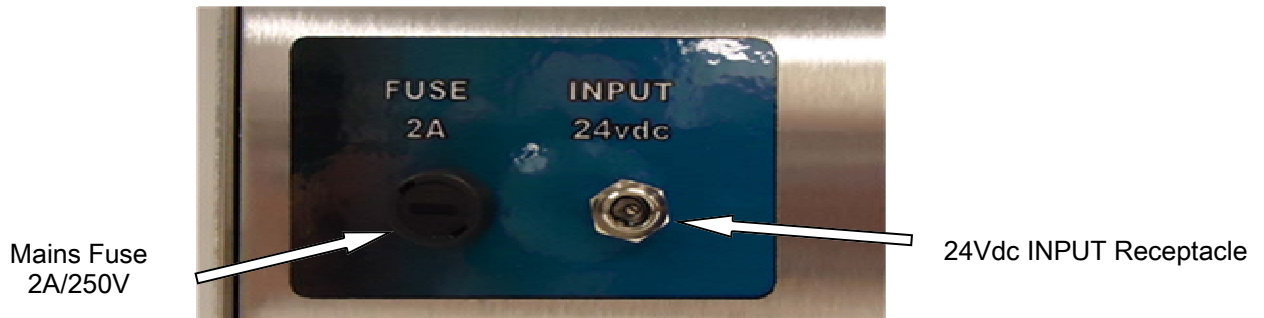


Figure 1 - Rear of Unit

2. Place an accessory drum on the roller shaft. (See figures 2, 3, 4 & 5)

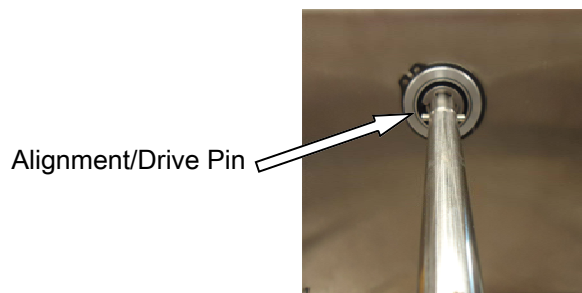
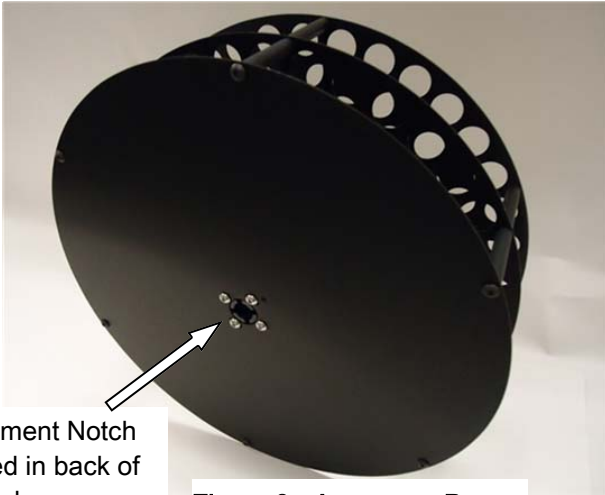
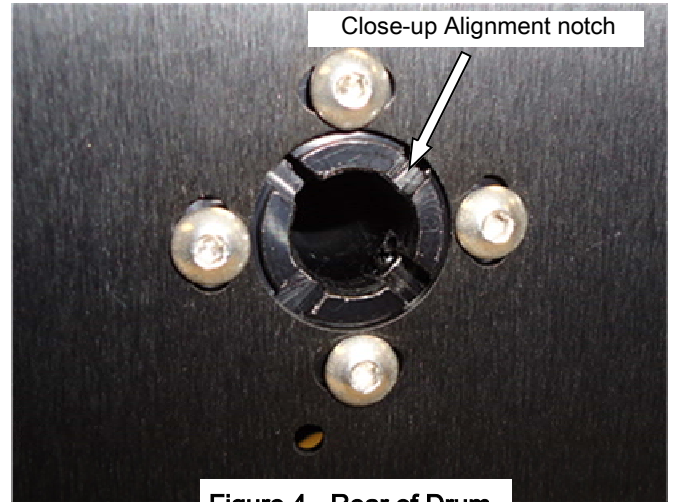


Figure 2 - Roller Drive Shaft



Alignment Notch
located in back of
drum

Figure 3 - Accessory Drum



Close-up Alignment notch

Figure 4 - Rear of Drum

Place the drum over the Roller shaft - push and turn to lock into position (See figures 3 & 4). To remove, grasp handle and gently pull drum away from drive pin. Continue to pull until drum is completely removed from shaft.

OPERATION

See figure 6

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 1 - 30 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.

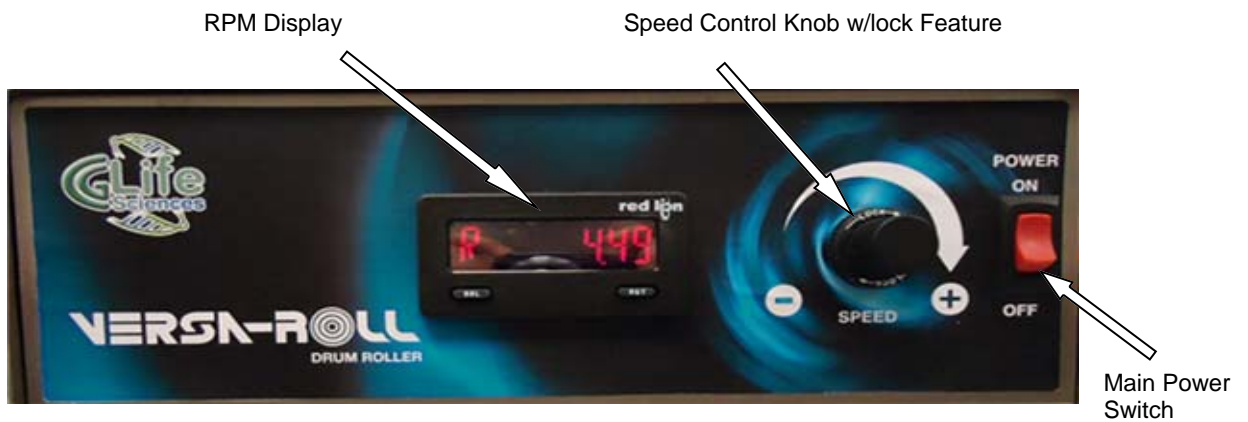


Figure 6—Front Panel



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 Electronics department with warranty repair information.

Chemglass Electronics department:

Tel: 1-800-843-1794 ext. 2158

Fax: 1-800-922-4361

Email: electronics@chemglass.com