

MINI LABORATORY CONVEYOR
Part No. A012-005UV PROCESS SUPPLY INC.
800-621-1296 p 312-248-0099

GENERAL INSTRUCTIONS

1. After unpacking, check all electrical connections and mounting hardware to insure there is no damage.
2. If all items appear satisfactory, install ultraviolet lamps (see lamp installation instruction sheet).
- 3a. Main power and lamp ON switch to OFF position.
- 3b. High/Low lamp intensity (1/2 power) switch to high position.
- 3c. 300 WPI systems - switch to 300 WPI setting
- 3d. Variable speed control knob to zero.

NOTE: If switches are in correct location, all indicator lamps will be off when power is applied.

4. Plug input cord into GROUNDED, 120 Volt, 60 Hertz, 10 AMP A.C. outlet. Do not remove ground contact from power cord under any circumstances.

5. Switch main power switch to ON position. This switch sends power to the lamp switch, variable speed control and activates center lamp cooling fan. CAUTION: Keep fingers and other objects away from colling fan.

CAUTION: When fixture is operating, ultraviolet rays are emitted which are harmful to eyes and skin. Great care should be taken to insure personnel are not exposed to direct or reflected radiation. Suitable eye and skin protection, such as UV Filter Glasses and Goggles should be employed when lamp is in operation.

6. When shielding is in place and/or operators are utilizing ultraviolet absorbing safety glasses, the lamp switch may be turned ON. This will light the ultraviolet lamp. The lamp requires 3-4 minute warm-up prior to curing applications.

7. Start conveyor belt moving. Belt should always be moving when lamp is on.

8. High/Low lamp intensity option may be utilized to operate lamp at idle mode when applications are on hold. Lamp will operate at approximately 1/2 the rated output and rapidly return to full power. On tri-power models, switch lamp to 125 WPI when curing applications are on hold.

9. Shut-Down Procedure:

- a. High/Low Lamp intensity switch to high position.
- b. Tri-Power models lamp intensity switch to 300 WPI.
- c. Lamp switch to off position.
- d. Reduce belt speed.
- e. Allow main switch to operate cooling fan for 3-5 minutes before total shutdown. This will allow the lamp to cool evenly and will prolong lamp life.
- f. Main power switch to OFF position.

LAMP INSTALLATION AND RELAMP INSTRUCTIONS

1. Turn power OFF.
2. Disconnect Hi-Voltage cable from irradiator cover.
3. Remove lamp irradiator cover by removing the 2 screws at each end of irradiator.
4. Place irradiator on its handles.
5. Remove top lamp holder bracket from each side of lamp.
6. Side opposite the connector, remove aluminum cover and ceramic washer.
7. Slide lamp out.
8. When installing lamp, slide lamp between ceramic washer and aluminum holder. Use gloves to prevent fingerprints on lamp.
9. Replace aluminum holder and ceramic washer to assembly.
10. Center lamp so lamp ends are equally spaced on large lampholder bracket.
11. Replace top lampholder brackets, tightening each side EQUALLY. Clean lamp with dry cloth and alcohol.
12. Replace assembly into side extrusion and secure with the 4 screws.
13. Re-connect HI-Voltage connector.
14. Return to step 3 of GENERAL INSTRUCTIONS.

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not exposed to direct or reflected radiation. Suitable eye and skin protection, such as UV Filter Glasses and Goggles should be employed when lamp is in operation.

CAUTION: Before cleaning or relamping, turn power OFF.

RECOMMENDED ACCESSORIES:

* Lamp and Reflector Maintenance Kit A002-017

Includes:

UV Lamp & Reflector Cleaning Solution	A002-019
Pad-Tork Wipers	A002-021
Cotton Inspection Gloves (MENS)	I004-022
(LADIES)	I004-031

* UV Filter Safety Glasses

Yellow	I005-018	Clear	I005-021
Green	I005-020	Grey	I005-022

>> For Extra Protection Orange I005-017

* UV Filter Goggles I005-016