

# **MAINTENANCE**

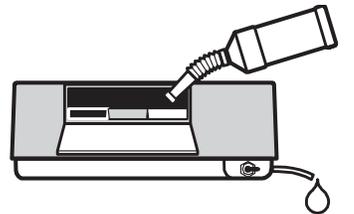
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Servicing your Peri-Pro III on a daily, two week and quarterly basis is critical to maintaining quality processor performance. We recommend the maintenance procedure outlined below, using Formula 2000 cleaner, and Peri-Pro Developer and Fixer, which are specially formulated for Peri-Pro processors. This maintenance schedule may have to be modified if more frequent cleaning is required.

## **DAILY - CHANGE WATER**

### **TOP OFF CHEMISTRY TANKS WITH WATER TO FILL LINE**

**Note:** Remember to place the wash water drain tube into a receptacle large enough (at least 45 oz.) to hold the contents of the water tank when it is drained. The best location for the receptacle is on the floor. Dispose of wash water in accordance with local codes.

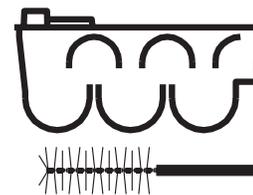


1. Turn **POWER OFF**.
2. Find the water drain valve handle at the lower right hand corner of the processor base.
3. Open the drain by turning the handle a full 90° clockwise. Allow the water tank to drain completely. If the tank interior appears soiled, rinse tank and drain completely.
4. Close the drain valve by turning the handle a full 90° counterclockwise.
5. Fill the Peri-Pro III water bottle to the Fill Line (40 oz.) with room temperature water (70° - 80°F). Extend the neck of the bottle and flex into position. Empty entire contents into the water (white) tank.
6. Check that the solution in the developer (black) and fixer (red) tanks are up to the Fill Lines as indicated on the inside of the refill access door. If not, top off the developer and fixer tanks with water.
7. Close the refill access door to enable the processing of films.
8. Turn **POWER ON** to prepare for processing.

## **EVERY TWO WEEKS (or every 300 - 350 films)**

### **SCRUB TRANSPORT; CHANGE PERI-PRO CHEMISTRY**

**Caution:** Cleaning and changing chemistry requires the removal of the cover and film transport from the Peri-Pro III. Always turn **POWER OFF** and unplug the line cord before removing the cover or transport.



### **Scrub Transport**

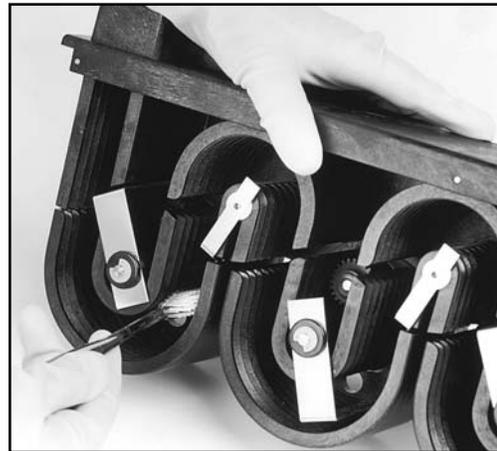
1. Turn **POWER OFF** and unplug the line cord. Remove the film receptacle, lift off the cover.
2. Lift the film transport and let the solutions drip back into the tanks before placing the transport in a sink. (Use of optional Service Tray PN90121 will contain any dripping chemistry.)
3. Rinse the transport thoroughly with warm water to soften residue and dried chemistry. Be sure to rinse above the chemistry level, keeping the shutter and the film inlet on the top of the transport dry. (Use a sink or the transport wash tub that comes with the Transport Cleaning Kit PN 43975.)

4. Scrub grooves inside the transport with a small brush, paying close attention to the areas just above the chemistry line, where crystallization occurs. Rinse to remove deposits. See Fig. 12.
5. Scrub and rinse the gears on the back of the transport.
6. With a dry, lint-free cloth wipe off any moisture from the shutter and the film inlet area and grill.

**Important: These areas must be dry before processing film.**

7. Clean the dryer transport rollers if dry, white chemistry residue is evident. Follow the procedure detailed under Quarterly Maintenance #12.

**FIG. 12**

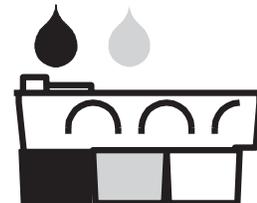


## Change Peri-Pro Chemistry

Change Developer and Fixer every two weeks or every 300 - 350 films, whichever comes first.

**Caution: Never operate the Peri-Pro III without liquid in the tanks.**

1. Change the water. Follow the steps for changing water under Daily Maintenance.
  - If the wash tank is particularly soiled or slimy, it must be thoroughly cleaned and rinsed. To do this, first remove the film transport.
  - If the tank was removed, clean and dry the tank drain stem receptacle in the base.
  - After cleaning, reinstall the wash tank, making sure the drain stem with the O-ring seats in the drain receptacle by pushing down straight until the tank's feet touch the base floor.
2. Carefully lift the thermistor arm up until it locks in place (and remove the transport if it is still installed). Remove the developer and fixer tanks and dispose of the old chemistry in accordance with local codes.
3. Rinse and, using separate color-coded sponges to avoid possible contamination, clean both tanks. Rinse again and wipe dry with a lint-free towel.
4. Reinstall the fixer (red) tank in the base. Fill with contents of the Peri-Pro fixer bottle. Pour carefully to prevent splashing.
5. Reinstall the developer (black) tank in the base. Fill with contents of the Peri-Pro developer bottle. Pour carefully to prevent splashing and possible contamination. Lower the thermistor arm into place in the developer tank.



**Note:** Peri-Pro chemistry should be at or below 75°F.

## Reassemble the Peri-Pro III

1. Slowly and carefully lower the film transport straight into the tanks. The film transport must sit squarely on the cutouts found on the top of the vertical plates to the left and right side of the tanks.
2. Insert the film inlet grill on top of the transport.
3. Install the cover with the refill access door in front. Hang the film delivery receptacle on the cutout at the dryer end of the cover.
4. Plug the line cord into a 115V outlet and turn the **POWER** switch **ON**.

# MAINTENANCE

## QUARTERLY - CLEAN WITH FORMULA 2000

Clean the Peri-Pro III Transport with Formula 2000 quarterly or whenever a black residue is evident on the transport or in the tanks.



### Use the Peri-Pro Transport Cleaning Kit (PN 43975)

Each kit contains:

- Cleaning tub
- Brush and cleaning sponges
- Twin pack of Formula 2000

**CAUTION: Use in a well ventilated area. Wear protective clothing, rubber gloves and goggles. Review the Material Safety Data Sheet that comes with every Formula 2000 Twin Pack.**

1. Turn the **POWER OFF** and unplug the line cord. Remove the film receptacle; lift the cover off.
2. Remove the transport and rinse under running water.
3. Place the transport into the cleaning tub with the gears facing up .
4. Pour two bottles of Formula 2000 Component 1 into the cleaning tub. Pour slowly. Do not splash or splatter solution - wipe up any spills. (Use both bottles of Formula 2000 in the Twin Pack to insure adequate cleaning of the transport.)
5. Add cold water to the recessed line in the tub.

**CAUTION: Use cold water only.**

6. Sprinkle two powder packets of Component 2 evenly across the cleaning tub. **Formula 2000's effervescent cleaning action will begin as soon as Component 2 is added. Some odor and vapor will be evident.**
7. Soak the transport for approximately 30 minutes, or until the effervescent action stops.
8. Remove the transport and, under cold running water, remove any remaining deposits with the brush; rinse.
9. **Dispose of the cleaning solution in accordance with local codes.** Rinse the cleaning tub and place the transport back in the tub. Fill with fresh water and drain. Rinse and drain at least 2 more times. (Be sure to rinse thoroughly since cleaner residue can contaminate fresh chemistry.)
10. Place the transport on a towel with the gears facing up and air dry thoroughly. Check that the shutter area is dry before using. If not, dry with a soft, lint-free towel. See Fig. 14.
11. Change the water. Follow the steps for changing water under Daily Maintenance. If the wash tank is particularly soiled or slimy, it must be thoroughly cleaned and rinsed. After cleaning, if the tank was removed, clean and dry the tank drain stem receptacle in the base, reinstall the wash tank, making sure the drain stem with the O-ring seats in the drain receptacle by pushing down straight until the tank's feet touch the base floor.
12. Clean the Dryer Transport if dry, white chemistry residue is evident on the rollers.

- Remove the screw holding the dryer front cover plate in place.
- Slide the cover plate up, remove it and lift the dryer transport straight up and out.
- Use warm water and a brush to remove the residue; rinse and completely air dry.
- Reinstall the dryer transport and the cover plate.

**FIG. 13**



**FIG. 14**



**Important: This plate is necessary for proper film drying.**

13. Change the chemistry. Follow the steps for changing chemistry under Every Two Weeks Maintenance.
14. Reinstall the transport and reassemble the Peri-Pro III. Follow the steps for reassembly under Every Two Weeks Maintenance.