

4. **Typical procedure for cleaning pipets:** Load the pipets into the pipet holder supplied with the unit. Then, using a glass jar, soak the pipets in a Dichromatic acid solution up to 50% in strength. Allow pipets to drain when removing them from the Dichromatic solution, and then place them immediately into the Washer or Washer/Dryer unit and turn on the water to initiate the washing action.
5. Care should be taken to minimize the amount of acid solution that drips into the Washer or Washer/Dryer as acids can have a detrimental effect on the units.
6. The complete washing cycle of filling the unit with water and draining is accomplished in approximately 70 seconds, depending on the incoming water flow. It is recommended that water flow be set at about 2 to 3 gallons per minute for good washing action. Ten to fifteen washing cycles with hot water are recommended for best washing action. Cold water however can be used.
7. **To initiate the drying cycle on Washer/Dryer models 137100 and 137100-2:** insure that the water for the washing cycle has been shut off and that the water has fully drained from the unit.
8. The wet pipets from the washing cycle should be drained outside the Pipet Washer/Dryer before beginning their drying. Pipets should be in tip down for best drying results.
9. Insure that the unit's power cord plug has been inserted into a properly grounded outlet of appropriate voltage.
10. Activate the dryer heater by moving the toggle switch to the "ON" position. The red pilot light should illuminate.
11. Drying time will vary, depending on quantity and size of glassware. The approximate drying time is one hour.
12. When drying is complete, switch the unit "OFF" and allow the unit to cool for 30 minutes before beginning the next washing cycle.

13. NEVER allow the drying cycle to run over night. High temperature can build up and cause the heater to burn out and cause possible solder gaps resulting in leaks.

## **CLEANING**

All Pipet Washer/Dryer and Dryer models can be internally rinsed with clean water and wiped externally with a damp cloth. The Pipet Dryer and Washer/Dryer models must be unplugged before any cleaning is performed. The pipet holding rack, when used, should always be rinsed if it was used in acidic solution.

## **SERVICE: RETURN AUTHORIZATION IS REQUIRED**

Should service be required, contact your salesperson or call Boekel Scientific at 215-396-8200 or 800-336-6929.

## **SPECIFICATIONS**

### **PIPET WASHER/DRYER Models 137100 and 137100-2**

Height: 23 3/4"

Cylinder Diameter: 6"

Base Diameter: 10 1/2"

Model 137100 uses 115 VAC, 195 Watts

Model 137100-2 uses 230 VAC, 195 Watts

Includes 1374 1/2 Pipet Holder

### **PIPET DRYER Model 1372 and 1372-2**

Height: 23 1/2"

Cylinder Diameter: 5 1/2"

Base Diameter: 10 1/2"

Model 1372 uses 115 VAC, 275 Watts

Model 1372-2 uses 230 VAC, 275 Watts

Optional 1374 1/2 Pipet Holder