



**DO NOT** use this equipment unless an



### PRE-OPERATIONAL SAFETY CHECKS

1. Check workspaces and walkways to ensure no slip/trip-hazards are present.
2. Check that all equipment components are in position and are operational.
3. Ensure you are familiar with the operation of the equipment.
4. Keep table and work area clear of all tools and debris.
5. Faulty equipment must not be used. Immediately report suspect equipment.
6. Be aware of any other students or personnel in the immediate vicinity and ensure the area is clear before using this equipment.
7. Familiarize yourself with all mechanical operations, switches and controls, including potential chemicals that may be used.
8. If you have any questions or concerns, ask the laboratory technician or instructor first.

### OPERATIONAL PROCEDURES

**NO FOOD OR DRINK PERMITTED NEAR EXPERIMENTS.**

1. Fill water halfway with de-ionized/distilled water.
2. Turn on power switch.
3. Adjust temperature with knob.
4. Check temperature with thermometer.
5. Use thermostat knob to keep temperature constant.
6. Once water in bath is appropriate temperature, place beaker with sample inside.
7. Once completed, remove beaker and turn off.

### HOUSEKEEPING

1. Turn off all equipment and dispose of chemicals in proper receptacles on completion. Leave equipment and working area in a safe, clean and tidy state.

### POTENTIAL HAZARDS

Chemical exposure on skin	Noise	Eye injuries	Burns
Electrical shock	Manual handling	Broken glass	