



CARE AND USE OF BUBBLE PADDLE RESERVOIRS AND MOTOR/MAGNETIC CLUTCH UNIT

1. The delrin Bubble Paddle Reservoir and the Bubble Paddles may be sterilized by treatment with 10% Bleach and 80% ETOH. Use the rapid exhaust option to dry the reservoir.
2. Place the Bubble Paddle Reservoir into the motor/magnetic clutch unit. Make sure the Bubble Paddle Reservoir is setting flat in the unit.
3. Plug the Speed Control into a 110 Volt outlet; connect the motor to the Speed Control.
4. Set the Speed Control knob to 0. Turn on the power switch. Slowly increase the speed until you achieve your desired level of mixing. (Usually between 10 and 20 on the dial.)
5. Carefully add the sample liquid to mix to the reservoir after the unit is running. This prevents particulates from settling out. If your reservoir is attached to a peristaltic pump system, get the unit running before you turn on the pump.
6. Always turn the unit off with the power switch. Never leave the unit on with the power switch turned to 0 for long periods of time.
7. The reservoir is made with delrin, the paddles with stainless steel with PTFE and delrin bearings. Use mild detergents to clean these parts.
8. To attach the motor/magnetic clutch unit to a robotic work station, drill 2 holes in this unit underneath the reservoir. These holes should align with predrilled holes in the robot workstation deck. The holes need to be counter sunk so the screw heads do not interfere with the reservoir.