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## **CARE AND USE OF 96 BUBBLE PADDLE RESERVOIRS AND MOTOR/MAGNETIC CLUTCH UNIT**

1. The VP 756C-96 Bubble Paddle Reservoir is made from delrin and **cannot** be sterilized by autoclaving or hot air oven. We suggest you sterilize it by treatment with 10% bleach followed by rinsing with alcohol and air drying.
2. Place the VP 756C-96 Bubble Paddle Reservoir into the VP 763 Motor/Magnetic Clutch unit. The VP 763 can be attached to a custom plate we make for the FX robot. Make sure the Bubble Paddle Reservoir is setting flat in the unit.
3. Check to be sure the protective metal shim is in place between the drive magnetic clutches and the paddle magnetic clutches.
4. Plug the speed control into a 115 Volt outlet; connect the motor to the Speed Control with the banana plug.
5. Set the Speed Control knob to 0. Turn on the power switch. Slowly increase the speed until you achieve your desired level of mixing.
6. Carefully add the sample liquid to mix to the reservoir after the unit is running. This prevents particulates from settling out
7. 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.
8. The reservoir is made from delrin, the paddles from parylene coated stainless steel with PTFE and delrin bearings. The magnets in the clutches are coated with parylene and sealed with a special sealant to prevent them from being corroded. Use mild detergents to clean these parts. Occasionally clean the magnets using tape to remove small bits of ferrous metal that are attracted to the magnet as the ferrous metal bits will rust when in contact with corrosive solutions.