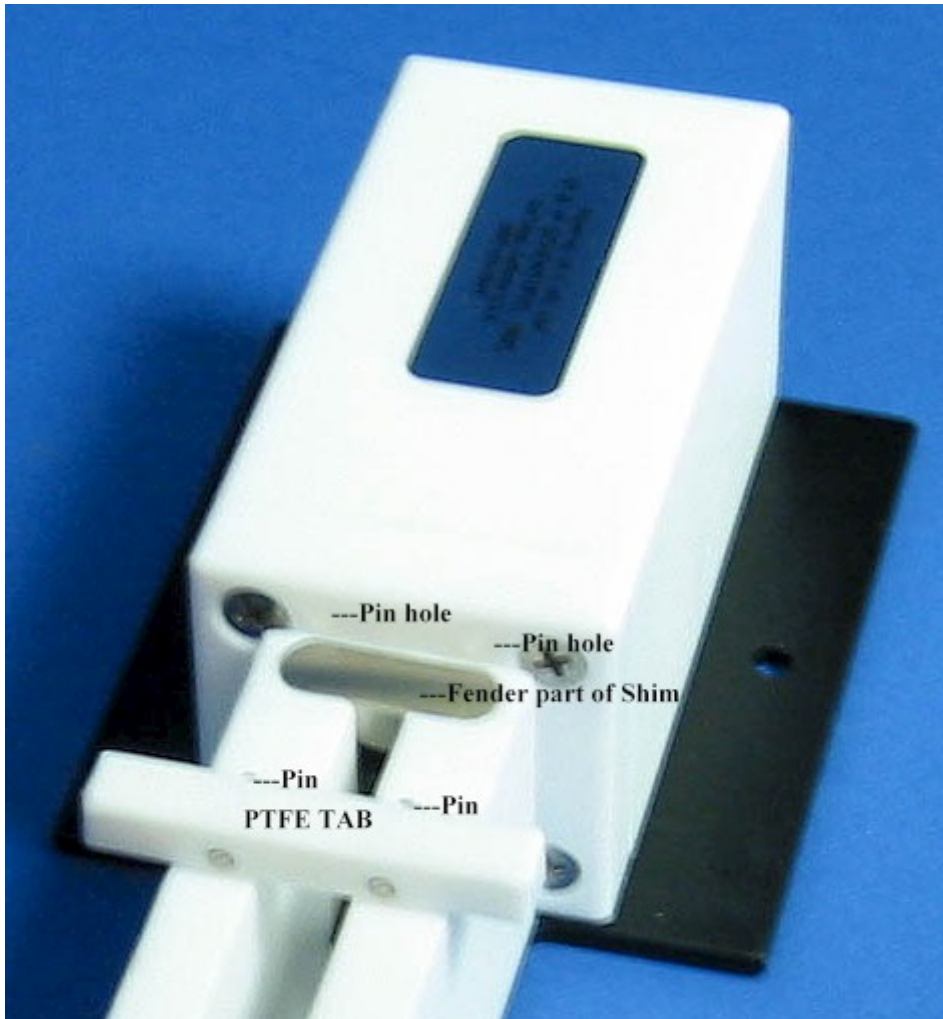


CARE AND USE OF BUBBLE PADDLE RESERVOIRS AND MOTOR/MAGNETIC CLUTCH UNIT

1. The PTFE Bubble Paddle Reservoir (VP 756CS-PTFE) and the Bubble Paddles may be sterilized by autoclaving. 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 alignment holes are indexed on the mounting pins.
3. Plug the Speed Control into a 110 Volt outlet (or 230 Volt outlet for CE version); 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. (The paddle begins to turn between 20 and 25 on the dial.)
5. 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.
6. The Reservoir and Motor housing are made with PTFE, the paddles with passivated stainless steel with PTFE bearings and a Delrin Magnetic Clutch. The magnets in the clutch are protected with a coating of parylene and sealed with epoxy. The magnetic clutch has a glass ball pivot point. To prevent this pivot point from boring a hole in the soft PTFE wall we insert a stainless steel shim/fender between the magnetic clutch and the PTFE wall. To keep the shim in place we use a PTFE tab with pins to hold the shim/fender in place. Use mild detergents to clean these parts.
7. To attach the motor/magnetic clutch unit to a robotic work station, use the mounting holes we have placed in the motor/reservoir frame.
8. To remove the bubble paddle for cleaning, remove the PTFE tab with a small blade screw driver. Next remove the shim/fender with the same screw driver by lifting up on the fender portion. Next turn the reservoir upside down and the bubble paddle/magnetic clutch will fall out. **DO NOT ATTEMPT TO REMOVE THE MAGNETIC CLUTCH FROM THE BUBBLE PADDLE.**



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