How to change the ultrasonic water bath

0. Before draining the tank and changing the water bath, the heater should be turned off and the ultrasonic timer should be off.

1. Place the drain hose inside the gallon waste water jug on the floor.

2. Open the valve on the tank’s drain.

3. When the gallon jug is close to filling up, close the tank drain valve. The bath is full at about 9-9.5 L. The gallon jug only practically holds about 3.5 liters since foaming of the detergent will occupy some space. Therefore, to completely drain and rinse the tank, the gallon jug will need to be filled and emptied at least three times. Discard old water bath solution down the sink in the hood.

4. Once the last of the water bath has been drained out, and the gallon jug emptied, return the drain hose to the gallon jug, open the tank drain valve, and rinse the tank with fresh DI water until there is no sign of residual detergent (foam).

5. Close the tank drain valve. Empty the waste collection jug and return to its location on the floor under the ultrasonic tank.

6. Fill the water bath up with about 4 liters of fresh DI water and then add one cap full of Cavi-clean detergent. Then, add 5 more liters of DI water, until the fill level indicator line on the rear wall of the tank is reached.

7. Turn on the heater and turn on the ultrasonic timer set to 20 minutes, and allow the bath to warm up and degas.

8. When the timer stops, the bath is now ready for use with a fresh cleaning bath.