

CARE AND USE OF LEVITATION STIR BALLS AND FLIP DISPENSERS

1. Place Levitation Stir Balls in a small beaker and cover with aluminum foil. Sterilize Levitation Stir Balls by autoclaving or heating in a hot air oven at 150°C for 1 hour.
2. Autoclave or heat Flip Ball Dispenser in a hot air oven for 1 hour at 150°C.
3. Carefully pour about twice the needed number of Levitation Stir Balls into the appropriate Levitation Stir Ball Flip Dispenser and gently swirl the Levitation Stir Balls while holding the Dispenser level to fill the empty stirrer holes.
4. When all the holes are full, tilt the Dispenser with the Dispenser ramp over a sterile beaker and swirl the Dispenser so most of the excess Levitation Stir Balls slide down the ramp into the beaker.
5. Ensure that there is only 1 Levitation Stir Ball per hole. Note if there are holes where the Levitation Stir Balls were accidentally dislodged and repeat step 4.
6. Place an inverted sterile microplate over the Dispenser, align the wells of the plate to the holes and flip both the microplate and the Dispenser over so that the balls fall into the microplate wells.
7. To recover Levitation Stir Balls from microplates, simply place a microplate lid on a magnetic block such as VP 770-3 and pass slowly over the top of the microplate to pull the Levitation Stir Balls out of the wells. Position the magnetic block over a container and remove the microplate lid from the magnetic block so that the levitation stir balls fall into the container.
8. To recover Levitation Stir Balls without cross contamination, use our VP 770 magnetic loader and unloader system with the appropriate magnetic pin replicator.
9. Cover the recovery container with aluminum foil and demagnetize the Levitation Stir Balls by passing them over the VP 781 Demagnetizer or another commercial demagnetizer.
10. Clean the Levitation Stir Balls using detergents appropriate to your application. Sterilize and dry the Levitation Stir Balls by autoclaving or baking in a hot air oven.