



CARE AND USE OF AUTOCLAVEABLE DROP LEVITATION BALL DISPENSERS

1. Cover the autoclaveable Drop Dispenser with aluminum foil. Sterilize Levitation Stir Balls by autoclaving or heating in a hot air oven at 150°C for 1 hour.
2. Move the slider all the way to the left. Carefully pour about five times the needed number of Levitation Stir Balls into the Drop Dispenser and gently swirl the Levitation Stir Balls while holding the Dispenser level to fill the empty stirrer holes.
3. When all of the holes are full, move the slider all the way to the right so the excess Levitation Stir Balls are pushed into the holding hopper.
4. Visually ensure that there is 1 Levitation Stir Ball per hole.
5. Place the Dispenser on a sterile microplate and dispense the Levitation Stir Balls by pushing the top plenum in to align the plenum holes with the holes in the Dispenser platform.
6. Move the slider all the way to the left and gently swirl the Levitation Stir Balls and repeat steps #3-5 on a new microplate.
7. To recover Levitation Stir Balls from microplates, use the VP 770 or VP 772 recovery systems if you want to leave the solution behind. If the solution has been removed simply invert the plate and catch the Levitation Stir Balls in a beaker.
8. Cover the beaker with aluminum foil and demagnetize the Levitation Stir Balls by passing them over the VP 781 Demagnetizer or other commercial demagnetizer.
9. 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.