



CARE AND USE OF AUTOCLAVEABLE DROP TUMBLE STIR DOWEL DISPENSERS

1. Cover the autoclaveable Drop Dispenser with aluminum foil. Sterilize Tumble Stir Dowels 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 Tumble Stir Dowels into the Drop Dispenser and gently swirl Tumble Stir Dowels 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 Tumble Stir Dowels are pushed into the holding hopper.
4. Visually ensure that there is 1 Tumble Stir Dowels per hole.
5. Place the Dispenser on a sterile 384 well microplate and dispense the Tumble Stir Dowels 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 Tumble Stir Dowels and repeat steps #3-5 on a new microplate.
7. To recover Tumble Stir Dowels from microplates, use a VP 384M magnetic replicator with a VP 770 or use the 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 Tumble Stir Dowels in a beaker.
8. Cover the beaker with aluminum foil and demagnetize the Tumble Stir Dowels by passing them over the VP 781 Demagnetizer or other commercial demagnetizer.
9. Clean the Tumble Stir Dowels using detergents appropriate to your application. Sterilize and dry the Tumble Stir Dowels by autoclaving or baking in a hot air oven.