



### **CARE AND USE OF MANUAL MAGNETIC STIRRER™**

1. Place 2 microplates (with tumble stirrers in the wells) onto the surface of the manual magnetic stirrer. You may also place 2 microplates on top of these.
2. Pull the slide toward the operator using a smooth stroke. Avoid hitting the stop at the end of the stroke and then smoothly reverse direction until slide is almost all the way in. Repeat this operation at your desired speed until the contents of the microplates are mixed.
3. The surface of the Magnetic Stirrer is made from acrylic and may be cleaned using mild detergents and warm water. It may also be cleaned using alcohol as long as you wipe the alcohol off the surface immediately. Do not use Windex™ to clean the surface.
4. We have enclosed a magnet and a pin, which can be used to place or remove an individual stirrer in the wells.
5. We have enclosed a magnetic block to pull the Tumble Stirrers out of the wells. To recover tumble stirrers from whole microplates, simply place the magnetic block on top of the microplate lid and pass the magnetic block slowly over the top of microplate. Position the magnetic block over a beaker and remove the microplate lid from the magnetic block so the Tumble Stirrers fall into the beaker.
6. Demagnetize the Tumble Stirrers by passing over the VP 781 demagnetizer or other commercial demagnetizer.
7. Clean the Tumble Stirrers using detergents appropriate to your application. Rinse well with distilled water. Sterilize and dry the Tumble Stir Discs by autoclaving or baking in hot air oven.
8. The Tumble Stirrers are manufactured of medical grade stainless steel and can be reused for many years.