



CARE AND USE OF SUPER MAGNET UNLOADING SYSTEM VP 772

CAUTION! Be advised that the Unloading System has very strong magnetic fields. People with pacemakers should not get closer than 12 inches from the Unloader. Remove all magnetically-influenced tools and objects from the immediate area to prevent them from being pulled onto the magnets or striking people. Keep credit cards, watches, and other magnetically-sensitive items at least 1 foot from the Unloader's magnetic fields.

1. Remove the screws that hold the acrylic plate to the left side of the unloader. Slide the acrylic-covered magnet so that the protruding edges fit into the tracks; slide all the way to the right. Replace the plate so that the rubber bumpers face to the inside.
2. Place the unloader on a flat surface, such as a counter or desktop, with the extra ledge extending under the edge of the counter. The unloader can be attached to the counter top by clamping the screws down firmly.
3. Open a 10 9/16" x 11" Ziploc® bag and place it into the plastic discard container. Place the container into the left unloader cavity.
4. Make sure that the magnet on top of the unloader is positioned against the rubber bumpers at the furthest right end. This is always the "start" position.
5. Slide a microplate (with stirrers/ levitation balls in the wells) onto the tracks inside the right unloader cavity. The height of the microplate is adjustable: simply reposition the tracks using the four attachment screws.
6. Slide the magnet across the top, to the furthest left end of the unloader. The stirrers/ levitation balls will be pulled from the microplate, moved across the ceiling, and dropped into the discard container. Note that the magnet must move 4 inches past the discard ramp before the stirrers will drop. Slide the magnet back to the start position and repeat the process with the next microplate.
7. The spray from the impact of wet stirrers hitting the ceiling can be significantly reduced by placing absorbent material, such as paper towels, on the ceiling. This may also reduce the amount of cross-contamination of the microplate wells.
8. Demagnetize the stirrers/ levitation balls by passing over the VP 781 demagnetizer or other commercial demagnetizer.
9. Clean the stirrers/ levitation balls using detergents appropriate to your application. Rinse well with distilled water. Sterilize and dry by autoclaving or baking in a hot air oven.
10. The surface of the Super Magnet Unloading System is made from acrylic and can be cleaned using a mild detergent and water or a diluted bleach solution. Do not use Windex™ to clean the surface.