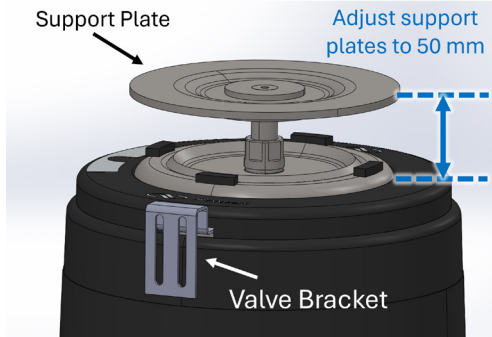


# Quick Start Guide

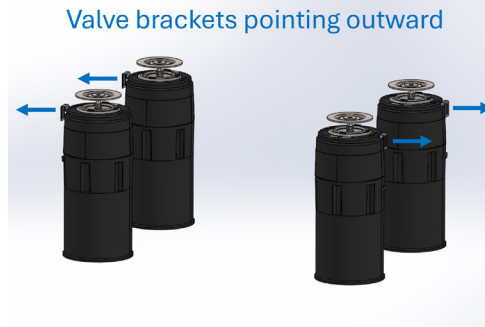
## S-2000 Isolators And Optical Table Installation



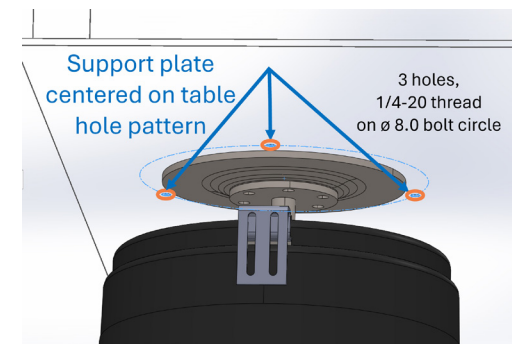
The S-2000 Stabilizer™ system features an optical table with isolators, combining Newport's technology for a lightweight, rigid platform ideal for vibration-sensitive devices. Follow this guide for tips to ensure optimal installation and performance. Scan the QR code for a step-by-step setup video and refer to the user manual for complete installation details, maintenance, troubleshooting and precautions.



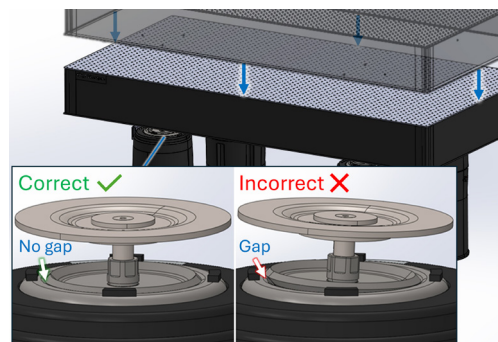
STEP 1. Adjust isolator support plates to height of ~50 mm for sufficient leveling travel.



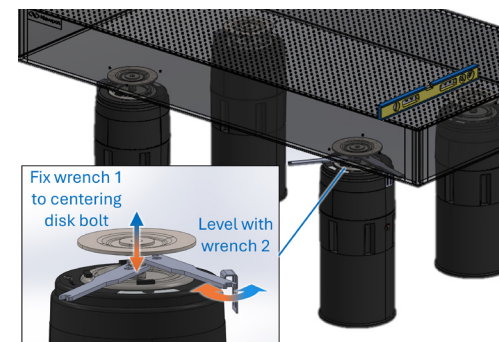
STEP 2. Position isolators so the valve brackets will face outward toward the table's short edge.



STEP 3. Raise table and center each isolator within three-hole patterns before lowering it.



STEP 4. Lower table onto isolators, ensuring centering disks are properly aligned on their guides

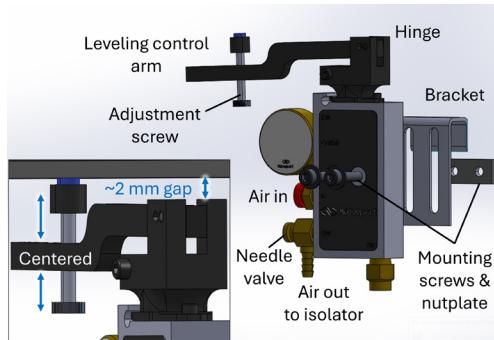


STEP 5. Adjust isolator support plates to level table along the length and width axes.

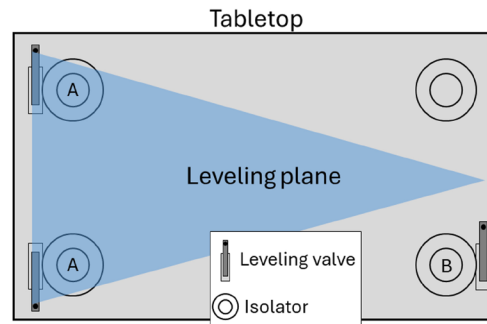


Accurate table leveling is crucial; take the time to use a carpenter's or torpedo level for precise leveling.

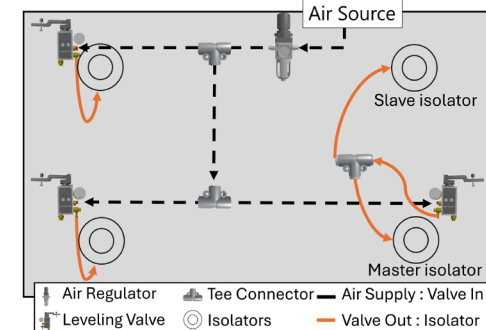
# S-2000 Isolators And Optical Table Installation



**STEP 6.** Mount valves to isolator bracket, adjusting ~2 mm gap between valve hinge and underside of table. Ensure needle valves are open ~1 full turn.



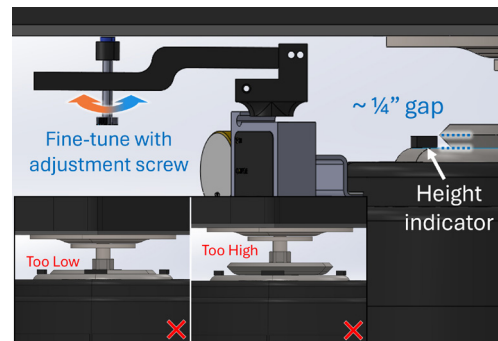
**STEP 7.** Rotate control arms on valves "A" toward the nearest corner and valve "B" toward the center between the other 2 isolators; three leveling valves ensure stability.



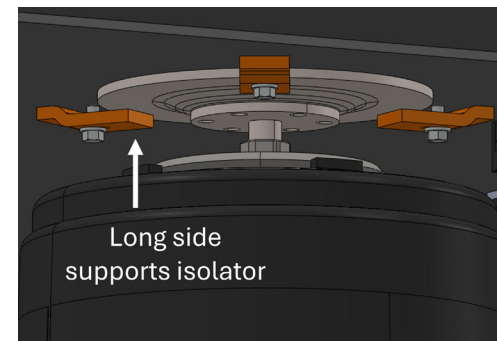
**STEP 8.** Connect the valves, isolators, and air supply. Turn on the air and set regulator to required pressure.



- Use a coin to keep a consistent gap between the leveling valve hinge and the underside of table.
- Set each valve's height adjustment screw to the travel midpoint.



**STEP 9.** Use adjustment screw to set gap between isolators and centering disks to ~1/4".



**STEP 10.** Secure isolators to table with mounting clamps. Close needle valves, then reopen master isolator valve ~1/4 turn and others ~1/8 turn.



- Start at 35 PSI, increasing by 10 PSI for larger tables without exceeding 85 PSI. Refer to section 2.6 of the manual for pressure calculations
- After installation, only use table height adjustment screw to fine-tune, making 1-2 turns and checking after each adjustment.
- Confirm table corners freely float back after pressing down the table.