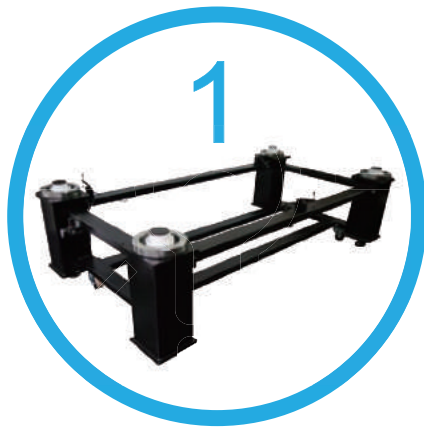


3 TYPES of ACTIVE ISOLATORS

3 types of active isolators with more than 22 designs to choose from. QC reports, manual, and warranty are included. Customized specification is accepted by request.



LTA-seires ▶ A. 09



LTB-seires ▶ A. 10



LTC-seires ▶ A. 11

Our active isolation system

presents the highest performance solution for isolating floor vibrations and noises in the range of 3 to 50 Hz. These high end self leveling isolators provide robust vibration isolation with excellent vertical and horizontal stability. With a vertical resonance frequency of 1.35Hz this isolation system is an ideal solution for demanding photonic applications such as interferometry, holography, nano-positioning and for noisy environment such as labs on high floors.

Self leveling isolators are large diameter free-standing systems that provide maximum stability and safety, without cumbersome tie bars. The low vertical and horizontal transmissibility of these isolators results in the least possible relative table top motion. The proprietary design uses no liquids that could leak or degrade over time.

To allow for changes in load distribution, our isolators also feature a self leveling system that incorporates precision three way valves that do not compromise vertical isolation when the system is at rest. Because these valves are actuated by tabletop movement, the system returns to its original level position within 0.25 mm (0.01") after disturbances. The valves also automatically compensate for any changes in table top load distribution. Additionally, this system allows the table height to be adjusted over a range of 26 mm (1.02") and can be used to compensate for an uneven floor. The isolators require a constant supply of air. When the air supply is removed, the tabletop resets securely on top of the legs with the isolation system disabled.