Vibration Isolation Platform

[iso:form]™

Look Beyond Obvious...

[iso:form]™ Vibration Isolation Platforms

[iso:form]™ reduce low and high frequency energy in devices that are placed onto the platforms. Common application is support of any laser device (CD, DVD, etc), video projectors, turntables and all valve (thermionic vacuum tube) electronics. Improvements in sound quality are noted when supporting some transistor pre-amplifiers and power amplifiers.

[iso:form]™ are active devices. They use external energy to operate, but not electrical, and therefore do not need to be plugged into the electrical wall outlet, nor use any batteries. In presence of vibration internal elements activate (get into motion) and work towards reduction of vibration.

There are two [iso:form]™ models, carbon-fiber and wood composite units. Carbon-fiber composite is extremly strong material that performs outstandingly well in this application and has magnificent hi-tech appearance. Wood is available in two options, gloss clear and genuine bees-wax satin finish. Bees-wax finish gives a natural, warm appearance, showing the open grain structure and imperfections of the exotic wood.

[iso:form]™ is available in three standard sizes (WxD) 435x370mm, 475x395mm and 475x530mm, all 25mm thick, and custom sizes built to suit particular hi-end audio or video component; all custom sizes are 100mm thick.

[iso:form]™ technologies:

Energy Condenser Cells™ transfer high frequency vibration into rotation of hard and smooth spheres, which in the process of sliding against each other dissipate vibration into heat through friction. The Cells are strategically placed within the platforms for optimum performance.

Polymer Transfer Dampeners™ within platforms transfer low frequency vibration into linear motion of long molecular strands of inert polymer, which dampens the motion and transfers it into heat through molecular displacement of the polymer.

Point Contact feet reduce the impulse energy, and dissipate it by deflecting base material. These precision machined, force loaded contacts, couple the platform to the mass below it, allowing energy transfer.

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