

In the Spotlight

Pharmaceutical Science & Technology Innovations



8002 Series
(Kinetic Systems, Inc.)

Workstation Dampens Low Frequency Vibrations

The "8002 Series" electronic vibration isolation workstation from Kinetic Systems, Inc. (Boston, MA) is designed for sensitive equipment that requires high-isolation efficiency such as checkweighers and atomic force microscopes.

Because of its high center of gravity, the unit is stable and can isolate very small particles. A precise, microprocess-controlled leveling mechanism rapidly adjusts to different loads without user intervention or an air supply. "Vibrations from foot traffic is a major concern when sensitive equipment is used," says Hamid Shaidani, director of engineering at Kinetic Systems. "Conventional systems cannot dampen vibrations smaller than 2 Hz, but this system can handle extremely low frequencies." The 8002 Series workstation offers an ultra-low natural frequency and can dampen vibrations as small as 1 Hz.

The customizable unit is available with a variety of tabletop sizes, which can accommodate load capacities as heavy as 1200 lb.

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SpectrumPlus
(FKI Logistex)

System Automates Warehouse Processes

FKI Logistex (Kennilworth, NJ) has introduced the "SpectrumPlus" scalable, warehouse control software system.

The system automates a storage system's paper-based instructions and guides warehouse workers through their operations. The system uses a positive acknowledgement system that works with a host system to confirm operation actions, thus enabling inventory work to be more accurate and time efficient. Because all transactions are recorded, customized reports can be generated. Functions such as order processing, stocking, and material handling can be controlled with the system.

"SpectrumPlus can be tailored to meet individualized needs by interfacing with users' host systems," says Terry Hinton, systems sales manager at Logistex. "If needs change over time, we can reconfigure the product without the customer buying a new product."

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DoverPac
(ILC Dover)

Continuous Liner System Reduces Risk of Worker Exposure

ILC Dover's (Frederica, DE) "DoverPac" continuous liner system is designed for the safe transfer of potent compounds from vessels or drums.

As Alan George, product manager at ILC Dover, observes, "Many companies use standard big bags to transfer materials, but they cannot contain powders smaller than 1 mg/m³." With an integrated continuous bag system, technicians can make a contained separation without risking operator exposure. By inverting the bag-out sleeve, the stub from the previous liner can be pulled into the sleeve and tied.

Because the powder is contained, clean-up time and operator labor is reduced. "In addition, operators may not need protective suits when handling certain products because of the engineered control of the product transfer," says George.

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New Product Announcements

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