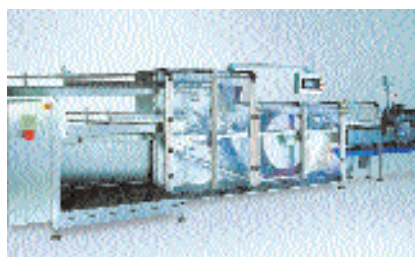


In the Spotlight

Pharmaceutical Science & Technology Innovations



QR Series Free Flow Valve
(Mitos Technologies)



PEWO-Wallet Packing Machine
(Pester)



PAS-X
(Werum America, Inc.)

Pharmaceutical Technology receives many new product announcements every month. We thought our readers would be especially interested in these.

Shear Reducing Valve

The QR Series Free Flow Valve from Mitos Technologies (Phoenixville, PA) is designed to present a completely unobstructed flow path to reduce shear in the process line.

"The valve works similar to a peristaltic pump in that the tubing element is pinched shut and has a straight-through bore," says Karen Meadows, marketing manager of Mitos Technologies. "This eliminates entrapment and hold-up areas."

The tubing element can be removed and replaced with a new element by using a locking screw, a new component of the QR series. The locking screw hinges the valve open when it is unfastened, so that the user can dispose of the product contact materials. This capability was designed to make frequent element change-outs faster and easier than old methods. The valve is available in 1/2-, 3/4-, and 1-in. sizes with the body constructed of stainless steel or titanium.

Wallet Card Production Machine

The PEWO-Wallet Continuous Motion Packing Machine from Pester (Allendale, NJ) is capable of producing up to 200 heat-sealed or 300 hot-melt wallets per minute.

"Because of the growth in solid dose pharmaceuticals in the past several years, there is a growing trend toward wallet card production," explains Bob Hartwig, vice-president of Pester.

A magazine, which is a stack of blisters, or a single lane of blisters can be fed into the multi-paneled wallet blank in the packing machine, along with other components to be included such as literature or a CD. The panels are folded and then either heat-sealed by a continuous heat-sealing drum or hot-melt-glue-closed. The machine can handle 2–8 panels of flat wallets, wallets with depths such as hinges, or carton-style wallets.

Electronic Batch Recording Software

The Manufacturing Execution System PAS-X from Werum America, Inc. (Towaco, NJ) is a software solution that can control electronic batch records.

Capabilities of PAS-X include production planning and scheduling,

material flow control and work-in-progress tracking, weighing and dispensing operations, paperless batch control and recording, product evaluation and calculation of key performance indicators, and system validation documentation. "A user can start with only one or two needed components and then add more components with new functionalities later," says Juergen Laskowski, project manager of Manufacturing Execution Systems at Werum America, Inc.

The system is 21 CFR Part 11-compliant and can enable either a single processing site or multiple sites and also can integrate with worldwide production chains.

New Product Announcements

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