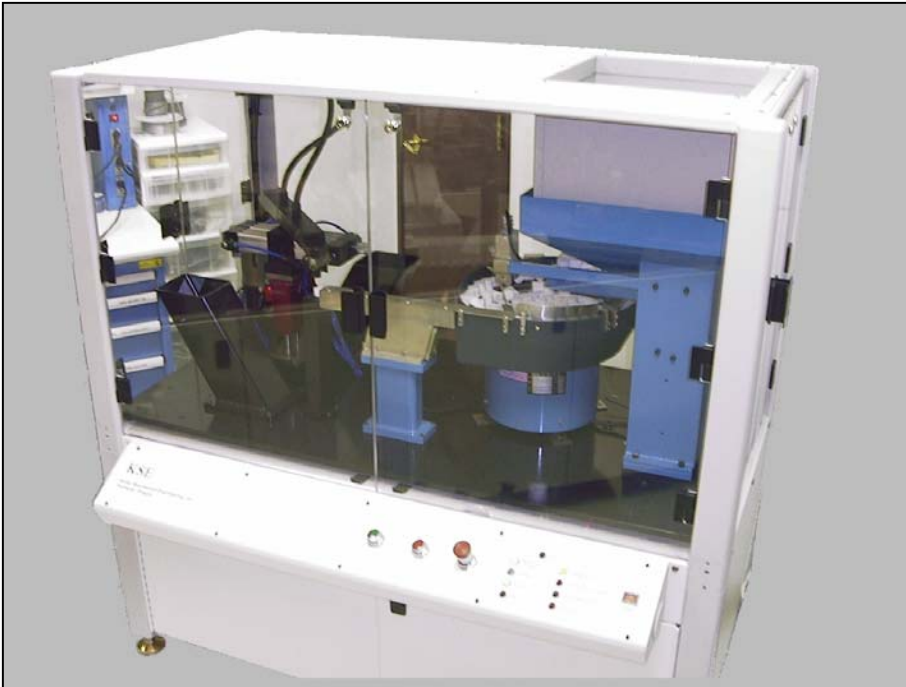


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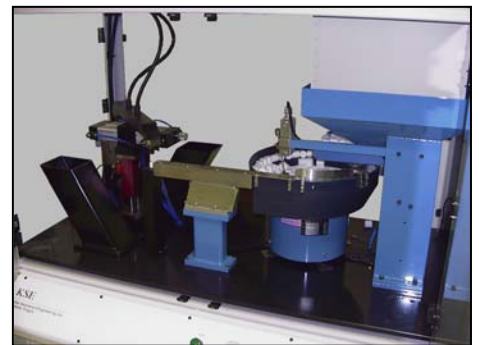
Project Highlight: Biotech Automation



Automated Machine sizes buzz plugs used as breathable stoppers in vials. The buzz plugs are predominantly used in vials containing live organisms, such as fruit flies.



Crimped buzz plugs are deposited into a bin. A sensor signals operator when to empty the bin.



A vibratory bowl presents the buzz plugs to the hard-automated pick and place crimping mechanism.

This machine crimps buzz plugs used in a biotech application to correctly size the plugs for placement into vials. All machine functions are hard-automated.

The machine operator loads a hopper with the buzz plugs through the top of the machine. The hopper feeds the parts into a vibratory feeder which orients the plugs and sends them down the track to the dead nest. The hard-automated pick and place crimping mechanism picks up the parts from the dead nest, places them into the crimper, picks them up from the crimper and drops them down a chute into the depository bin. Sensors signal the operator when to fill the hopper and when to empty the bin that is full of crimped parts.

KSE

Oregon Office: 15812 SW Upper Boones Ferry Rd, Lake Oswego, OR 97035

Ph: 503-968-7059; Fax: 503-968-2651

Washington Office: 4044 NE 58th St, Seattle, WA 98105

Ph: 206-525-2526; Fax: 206-523-3316

www.ksepx.com