

## Vaccon Material Transfer Pumps Sort and Recycle Sample Tubes in Pharmaceutical Packaging Applications to Increase Throughput and Quality

**Medway, MA August 21, 2014** – Vaccon Company, a U.S. manufacturer of air-powered venturi vacuum pumps offers a line of material transfer pumps for automating the sorting and recycling of sample tubes in pharmaceutical packaging operations.

Manually sorting sample tubes on an assembly line is a labor intensive and inefficient process, reducing productivity. Vaccon DF Series Material Transfer pumps automatically recover uncapped tubes to increase output and minimize rejects. A vision inspection system detects defective units and sends air to a specially modified Vaccon DF Series pump to transfer the tube for recapping. The DF pump creates instantaneous vacuum flow and high air velocity to quickly remove the unit, with cycle times of approximately 1 second.

The DF Material Transfer pump's straight-through design allows materials to pass directly through the pump at high speeds without interference or clogging. DF pumps are efficient, with instant on and off response, and low operating costs. Its compact design allows it to be installed close to the work area for effective transfer. DF pumps are available in sizes up to 4" in diameter and in a variety of materials such as stainless steel, Teflon®, Delrin®, PEEK, PVC and others to meet medical and pharmaceutical manufacturing chemical compatibility requirements.

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DF Series Material Transfer Pumps Page: <http://www.vaccon.com/standard-products/material-conveying-pumps-df-series>

