

FILAMATIC NEWS

NATIONAL INSTRUMENT COMPANY, INC. 4119 Fordleigh Road Baltimore, MD 21215 Tel. (410) 764-0900 Fax (410) 764-7719
Internet: <http://www.filamatic.com> E-mail: info@filamatic.com

National Instrument Company Introduces Industry's First Automated Fill/Finish Packaging System For Pre-Capped/Pre-Sterilized Microtubes



Baltimore, Maryland, June 2004 —
FOR IMMEDIATE RELEASE



Stop in at Booth #2325 to see our **FILAMATIC**® Bench-Top Filling Systems, including piston pumps and nozzles for an ideal solution for your pharmaceutical, biopharmaceutical and diagnostic small production needs. Additionally, through an interactive multimedia presentation, we will demonstrate the industry's first automated fill/finish packaging system for pre-capped/pre-sterilized microtubes. Other customized Monobloc Packaging Systems performing a variety of functions will be shown as well! Stop in to speak with our consultants regarding your IQ/OQ validation requirements.

FILAMATIC® Bench-Top/Semi-Automatic Filling Systems handle a wide variety of product/fluid types and viscosities in fill sizes ranging from less than 1 ml. to 1.1 liters per dispensing cycle at filling accuracies to $\pm 0.5\%$.

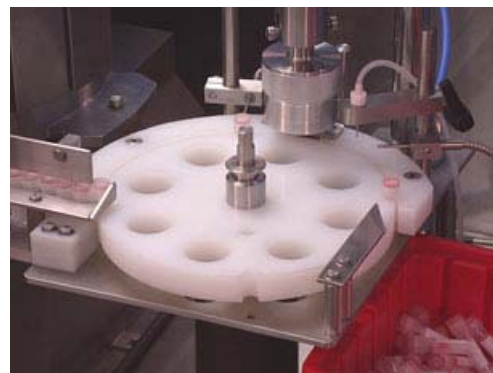
FILAMATIC® microtube handling monoblocs are designed to sort and feed the containers using a vibratory or centrifugal feeder, label or code each container, and dispense a volume of liquid ranging from 10 μ l. to 3 ml. into each one using a servo-driven pump. They then sort, feed and apply a screw cap, and discharge each completed microtube directly into an accumulation bin or onto a horizontal accumulation track assembly. See the first completely automated production system for handling pre-capped and pre-sterilized microtubes. Each unit has a compact footprint, includes a HEPA filtration system, and incorporates a unique GMP design that uses a two-position operating station to minimize the possibility of product contamination.



PACKAGING ANY LIQUID ACCURATELY

Other Pharmaceutical Monobloc Systems offer functionality such as filling, fitment/plug insertion, stopper insertion, and aluminum overcap crimping. A variety of liquid metering systems are available to accommodate a wide range of product

viscosities and to provide a fill volume range of 0.1 ml. to 500 ml. per dispensing cycle at filling accuracies to $\pm 0.5\%$. All **FILAMATIC**® monoblocs are digitally controlled with menu-driven programs



PRE-CAPPED PRE-STERILIZED TUBE FILLER

that electronically adjust operating parameters for quick and easy tool-less changeovers. For more information or to schedule an appointment at 2004-PACK EXPO International with one of our systems consultants, contact:

Mary Burchard
Phone: 800-526-1301/410-764-0900 x 229
E-mail: info@filamatic.com,
Web: www.filamatic.com

