

## **FILAMATIC®'s Mini-Monobloc Systems Provide Start-Up Biotechnology Companies with Important Labor Savings and Quality Assurance**

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FOR IMMEDIATE RELEASE

**FILAMATIC's** Mini-Monobloc Automatic Filling/Closing Systems provide new biotechnology companies with packaging equipment that is "just right" for a growing business trying to make its mark in an industry noted for costly product development cycles that include significant R&D and exhaustive clinical trials prior to achieving commercial production. An investment in a Filamatic® Mini-Monobloc System far outweighs the long-term cost of a manual, multi-operator production process.

Benefits include –

- Elimination of thousands of product, container, and closure manipulations, each requiring aseptic processing to avoid product contamination.
- Elimination of over- and under-filled vials via a carefully controlled and monitored filling process.
- Elimination of loose, or missing caps through a consistent, reliable, servomotor-controlled capping process.
- Elimination of operator injuries due to repetitive motion manual processes.

Each year, hundreds of biotechnology companies are formed by scientific entrepreneurs seeking to capitalize on new biological research discoveries. The products that are to be produced by these new companies include cell cultures, reagents, buffers, recombinant proteins, molecular biology reagents, diagnostic reagents, growth factors, and purified proteins.

\***FILAMATIC®** is a registered trademark of National Instrument, LLC



**FILAMATIC®** Mini-Monobloc Automatic Filling/Closing Systems are ideal for those products and the containers (pictured above) typically used to package them. A Mini-Monobloc provides for labor savings by requiring only a single technician/operator. The quality of its production output is assured by the HEPA filtration assembly positioned atop the safety enclosure surrounding the System's filling/closing functionality.

A typical production run, with pre-capped/pre-sterilized microtubes, proceeds as follows – once the operator has decontaminated and set-up the System – and hit the "Start" button. The microtubes are sorted and fed from bulk and loaded into the pockets of a turret indexing assembly. The System then removes the cap from each microtube and dispenses into it the required amount of product. The original cap is placed back onto the filled microtube and tightened to the required application torque. The completed microtubes are then transferred into a bin or an exit track. In this configuration, the System's operating rate is 20 microtubes per minute.

Additional System configurations and functionality (e.g. stoppering, labeling, faster operating rates) are available. A **FILAMATIC®** Mini-Monobloc System provides all the capability a new biotechnology company needs because it never goes on vacation or calls in sick.

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