

FILAMATIC NEWS

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*Manufacturers of Liquid
Filling, Capping and
Packaging Systems*



New Pick and Place Monobloc Fills, Plugs, Caps 90 Containers Per Minute

National Instrument Company, Inc., a leading manufacturer of liquid filling, stoppering and capping equipment used in the pharmaceutical, cosmetic and chemical specialty industries, is pleased to announce the introduction of a new automatic monobloc machine.

Tradenamed the **FILAMATIC**[®] MNB-P2-LD, this machine provides a fully automatic, integrated line for packaging a wide variety of liquid and semi-liquid products. The machine utilizes a patented “pick and place” cap transfer design for the plugging and capping functions of the machine, eliminating feed tracks and other costly change parts, and dramatically reducing changeover time.

Bottles are first filled at the filling station and then plugged at the pick and place plugging area. Utilizing a linear drive filling system, fill accuracies to $\pm\frac{1}{4}\%$ can be achieved.

After the bottles are plugged, the containers are indexed to a pick and place cap placement station, and are indexed to the DLC chuck-type capping station. The station features dual “donut” type capping chuck heads for production rates to 90 cpm. The DLC is equipped with two electro-pneumatically operated spindles, each powered by a servo motor drive. A vibratory cap feeder is included on this machine.

Optional features include a programmable torque control, ability to detect missing caps, improperly torqued caps, cocked or cross-threaded caps. An application/removal torque verification cycle will provide application/removal torque readout and tabulation capability. Required application and removal torque values can be preset by the operator.

After leaving the capping area, the bottles are automatically labeled and then transported to their final destination.

U.S. and foreign patents are pending.