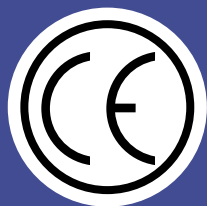
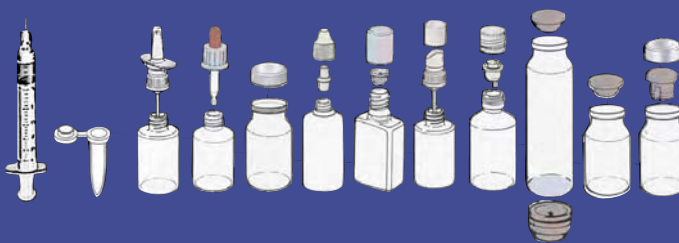


**FILAMATIC®**

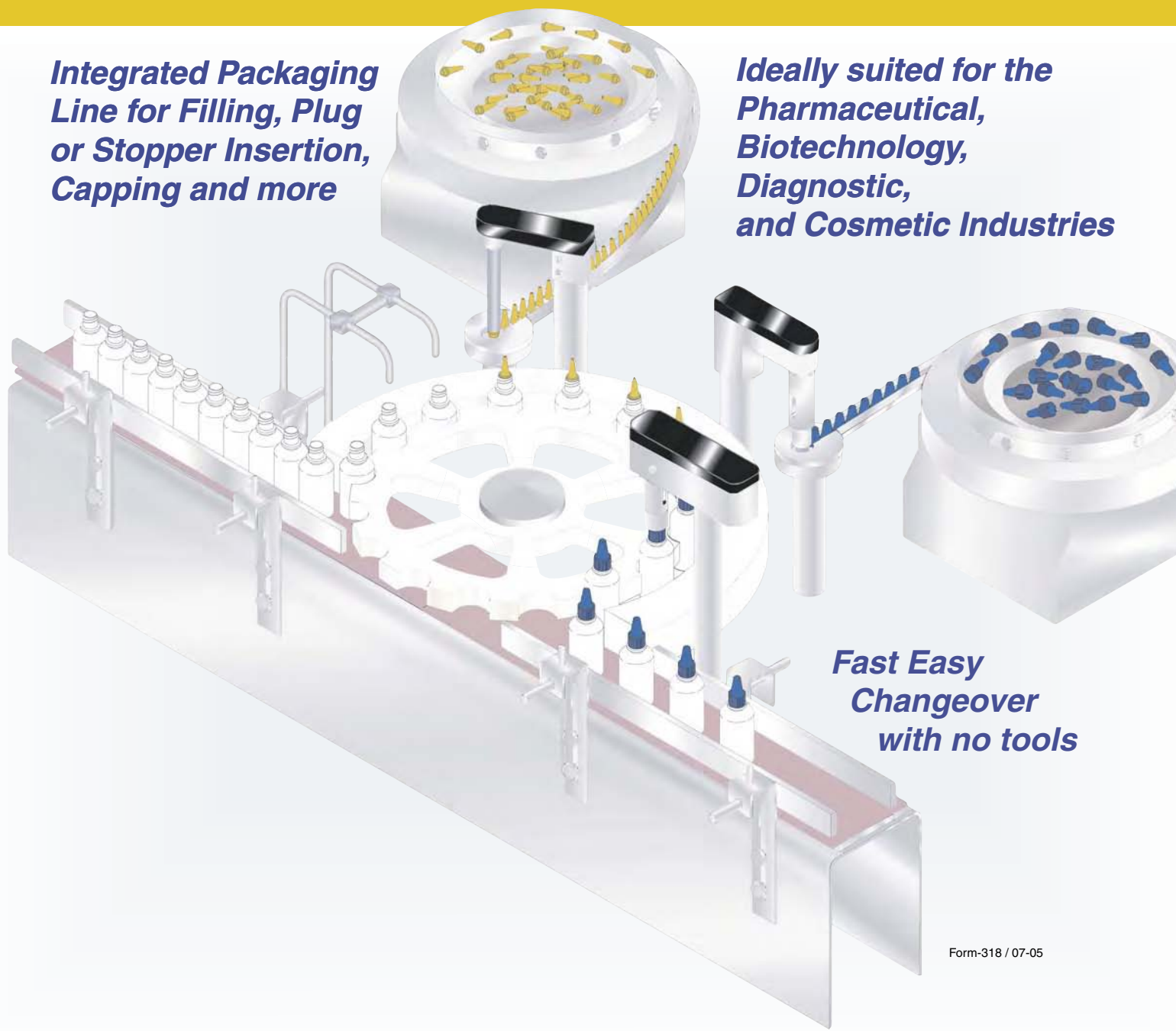


**MONOBLOC**

**Series CE-MNB-2000**

***Integrated Packaging  
Line for Filling, Plug  
or Stopper Insertion,  
Capping and more***

***Ideally suited for the  
Pharmaceutical,  
Biotechnology,  
Diagnostic,  
and Cosmetic Industries***



***Fast Easy  
Changeover  
with no tools***

The logo for FILAMATIC, featuring the word "FILAMATIC" in a bold, italicized, sans-serif font, enclosed in a white rectangular border.

- ▶ Widest range of metering systems available for integration
- ▶ Servo controlled pump drive can achieve fill accuracies to  $\pm 0.5\%$
- ▶ Filling adjustments can be made on-the-fly with pushbutton fill weight compensation
- ▶ No-tools changeover with menu-driven, pushbutton set-up
- ▶ On-the-fly adjustable servo cap torquing with electronic feedback for failsafe capping
- ▶ Advanced programmable logic controller monitors all machine functions
- ▶ Advanced touchscreen Human-Machine Interface with operating parameter recipe recall
- ▶ Reject verification prevents incomplete containers from traveling downstream
- ▶ Standard laminar airflow design for cleanroom / Optional HEPA system available
- ▶ All metal product contact parts are 316 SS
- ▶ Comprehensive validation documentation available
- ▶ Multimedia electronic documentation supplied on CD-ROM
- ▶ Full system integration with all associated machinery available

## Custom Monoblocs

Fifty years of experience and thousands of custom machines for the pharmaceutical, diagnostic, and cosmetic packaging industries in operation today, are accomplishments in which **FILAMATIC** is rightfully proud. The ability to conceptualize, engineer, manufacture, install, and service liquid packaging machinery that continually exceeds customer expectations has allowed **FILAMATIC** to succeed as a major manufacturer of standard and custom Monoblocs. Offering one of the broadest Monobloc lines in the packaging industry, our experienced sales/engineering staff will help you determine how our modular designed systems can be customized to your specific needs.



**Micro-Tube Filling Capping**



**Trapezoid Bottle Filling Capping**

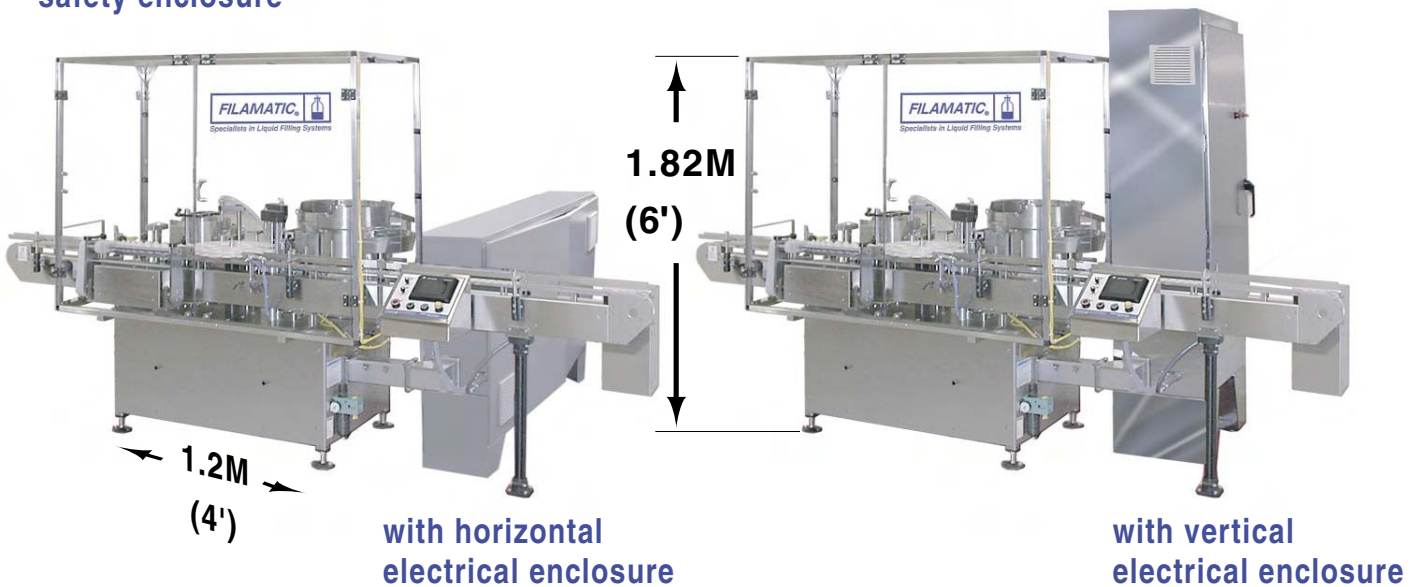
## Series CE-MNB-2000 Monoblocs

Model number does not distinguish selected options from those offered. The serial number is linked to the proposal to specify options to be used.

The CE-MNB-2000 is a state-of-the-art liquid packaging system that is cost effective, modular, versatile, reliable, and easy-to-use. This compact Monobloc design saves on valuable floor space, and allows a single operator to oversee the filling and closing operations.

The **FILAMATIC** Monobloc is capable of filling products ranging from free flowing liquids to viscous creams into a wide variety of containers and sizes. Fill range is from 0.5 ml to 500 ml. As system integrators we are well equipped to supply you with a complete production line, including all associated equipment.

**Model: CE-MNB-2000**  
**Shown with standard safety enclosure**



### Options include:

- ▶ Bottom up filling of foamy products
- ▶ Gas purging
- ▶ Reject collection
- ▶ Bulk feeding of closure commodities
- ▶ Integration of unscramblers, accumulators, labelers, inspection systems and more...
- ▶ Choice of metering systems including: Piston, Peristaltic, Rotary Piston, Rotary Gear and Rotary Lobe
- ▶ Container Feeding options: Tray, Vibratory Bowl, Centrifugal Bowl, Chute to Turret Pocket, Conveyor, Multiaxis Robotic Positioner, Manual.

MONOBLOC MACHINE MODEL:  
CE-MNB-2000

Typical Specifications:

**Material of construction:**

Stainless Steel with transparent polycarbonate panels

**Electrical Requirements:**

208 - 240 V, - 60 Hz. - 8 KW

**Processing Speed:** Adjustable to 100 cpm

**Environmental Conditions**

Indoor Use

Altitude up to 2000meter

Temperature range of 5 C to 40 C

Max. relative humidity 80% for temperature up to 31 C decreasing linearly to 50% relative humidity at 40 C.

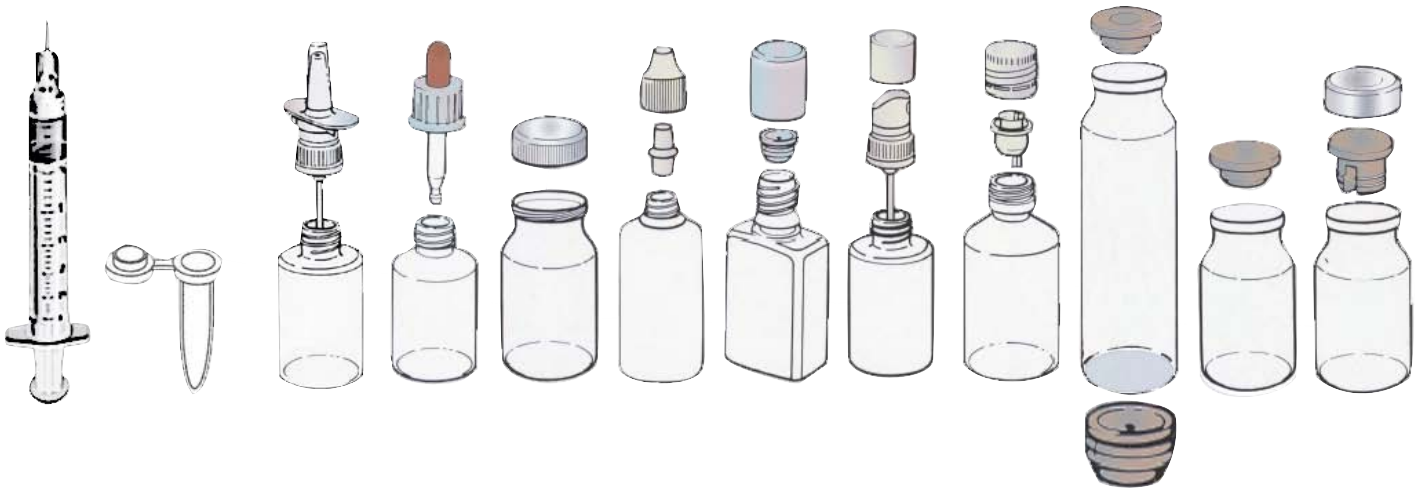
Mains supply voltage fluctuations not to exceed  $\pm 10\%$  of the nominal voltage

Transient overvoltage installation category number II

Pollution degree 2



## Modular Monobloc Model: CE-MNB-2000 Container Finishing Options Include:



Liquid  
Filling

Tipping  
&  
Capping

Stoppering  
&  
Crimping

Fitment  
Insertion

Fitment  
Assembly

Labeling  
&  
Coding

Container Range: From 9.525 mm (0.375") through 57.15 mm (2.25") diameter and from 25.4 mm (1") to 127 mm (5") tall containers

Closure Range: From 8 mm through 28 mm diameter caps

*Commodities exceeding these ranges may be acceptable. Please submit samples for review and quotation*

Air Requirements: 7 - 10 l/s (15 - 20 SCFM) @ 5.5 Bar (80 psi)

Electrical: Our standard product offering includes a control package requiring an electrical service described as follows: 208 Volts, 3 phase

Comprehensive GAMP, FAT, IQ, OQ and Materials of Construction certification documentation is available

### **FREE TESTING SERVICE**

We shall be happy to test run your product, at no cost or obligation, to recommend the **FILAMATIC** system which best meets your specific needs. Please call our Sales Department at 1-800-526-1301.

**FILAMATIC**



*Specialists In Liquid Filling Systems*

**National Instrument, LLC**

4119 Fordleigh Road Baltimore, Maryland 21215, U.S.A.

410-764-0900 800-526-1301 Fax: 410-764-7719

www.filamatic.com info@filamatic.com

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