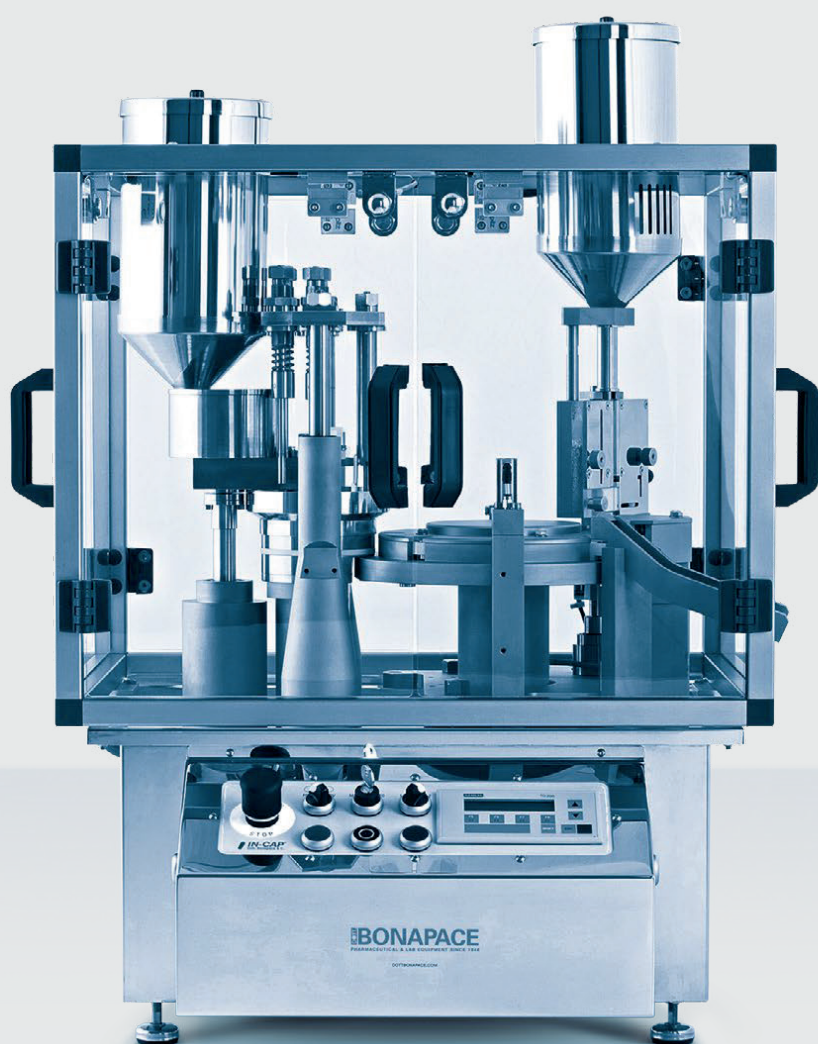


DOIT BONAPACE

PHARMACEUTICAL & LAB EQUIPMENT SINCE 1946

CAPSULES



IN-CAP

AUTOMATIC BENCH TOP
CAPSULE FILLING MACHINES
FOR POWDERS WITH TAMPING
AND DOSATOR SYSTEM, PELLETS,
TABLETS, MINI-TABLETS,
CAPSULE IN CAPSULE AND LIQUIDS

OPERATIVITY:

AUTO

HOURLY OUTPUT:

**UP TO
3000
CAPSULES**

USABILITY:

**EASY
TO USE**

IN-CAP XL

The smallest automatic capsule filler. Incredible reliability (over 20 years). **Suitable to process 3000 caps/h and over 20 filling combinations** (powders - pellets- liquids - tablets - capsule in capsule).

The basic machine is supplied with the powder tamping system. Fully stainless steel version also available.

IN-CAP XL DP

A special version which **processes 2 different kind of powders at the same time**. It keeps the same features of a standard IN-CAP XL (3000 caps/h and over 20 filling combinations). Fully stainless steel version also available.

IN-CAP XL WIP

This is an IP65 version of the standard model. Completely washable. **It has been designed to process HPAPI and it is suitable to all kind of containment systems** (flexible or solid). A special IP65 utility box (positioned on the base plate) allows to connect the electronic devices. It is supplied with a remote control panel.

IN-CAP XL WIP IN ISOLATOR

The WIP model + containment system. A complete solution to process HPAPI and flexible versions are available. Our system achieves the OEB5/OEL<1µG/M3 standard.



+ IN-CAP IN ISOLATOR

FILLERS



DOSATOR

An alternative to the tamping powder system. It allows processing powders unsuitable for the tamping process. This device increases the range of powders which the IN-CAP machine can process.

The dosator change size kit is composed of 6 parts. Change size operation < 5min (no tools required).



PELLETS FEEDER

It has been designed to fill pellets. The machine is suitable to set 3 different pellets feeders allowing to process 3 different products at the same time.

The single feeder is supplied with 3 different filling chambers (large-medium-small) to easily get the filling target required.

LIQUID FILLER

A device designed for all labs - R&D Depts - etc., which need to fill liquids into a capsule. It has a 2.3L heated hopper + an adjustable speed stirrer.

The filling nozzle has been designed to fill from 0.15 mg up to 1000 mg. It is supplied with a set of different needles (large-medium-small-micro) and special lower bushings.



TABLET/ CAPSULE FILLER

A special device designed to fill tablets (mini or std) or capsules-in-capsules (CIC). It has been developed for special applications and it increases the range of possible combinations available. The size kit is composed of 5 parts, change size operation < 5 min (no tools required). The machine is suitable to set up to 3 feeders so the operator has the possibility to fill 3 different products at the same time.



+ ALL IN-CAP MODELS ARE CAPABLE TO SET THE DOSATOR, THE 3 DIFFERENT PELLETS FEEDERS, THE LIQUID FILLER AND THE TABLET/CAPSULE FILLER.

POSSIBLE FILLING COMBINATIONS (OVER 20 AND MORE)



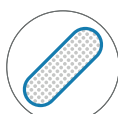
Powder



Liquid + Powder



Pellets + Powder



Pellets



Liquid



Mini-tablets + Powder or pellets



Tablet + Powder or pellets



Capsule + Powder or pellets



Mini-tablets + Mini-tablets + Mini-tablets

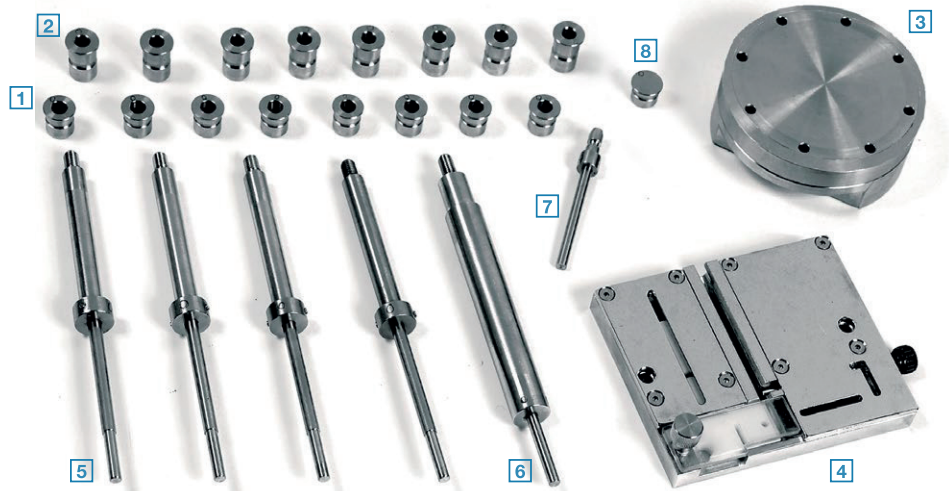


Pellets + Pellets + Pellets

TAMPING CHANGE SIZE KIT

CHANGE SIZE OPERATION TAKES LESS THAN 10 MINUTES. NO TOOL REQUIRED.

- | | |
|-------------------------------|---|
| • 8 upper bushings | 1 |
| • 8 lower bushings | 2 |
| • 1 dosing disc | 3 |
| • 1 capsule orientating group | 4 |
| • 4 feeding pins | 5 |
| • 1 transfer pin | 6 |
| • 1 capsule closing pin | 7 |
| • 1 capsule closing bushing | 8 |



EXTRA

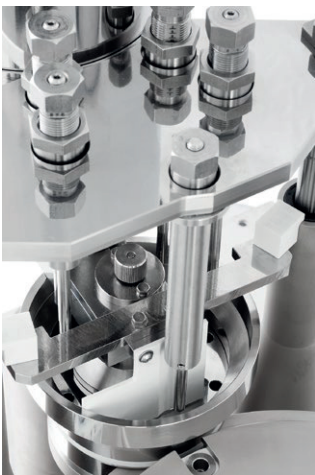
- + Use of DB capsules
- + Special tamping dosing discs
- + Product checking sensors
- + H16 HEPA System
- + H13 HEPA System

- + Stainless steel carriage
- + Aspirating pump
- + Noisless oil-free compressor
- + IQ/OQ validation package / Fat + Sat service

- + IN-CAP customization program
- + Tamping powder mixer
- + Powder mixer
- + Counting machine

- + Sealing/ Banding machine
- + Capsule supply
- + Checkweigher (upon request)

TECHNICAL DATA



IN-CAP XL - IN-CAP XL DP
IN-CAP XL WIP - IN-CAP XL WIP ISOLATED

• SIZE	700 x 700 x 950 H. mm
• NET WEIGHT (change size incl.)	130.00 Kg
• CAPSULE SIZE	000 - 00el - 00 - 0el - 0 - 1el - 1 - 2el - 2 - 3 - 4 - 5 - DB Caps
• ELECTRIC VOLTAGE	230 V - 50/60 Hz - single phase
• ELECTRIC ABSORPTION	1 KW
• DC MOTOR	160 W - 24 V
• VACUUM PUMP FOR CAPS OPENING	6m ³ /hour - Delta P. 120 mbar



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