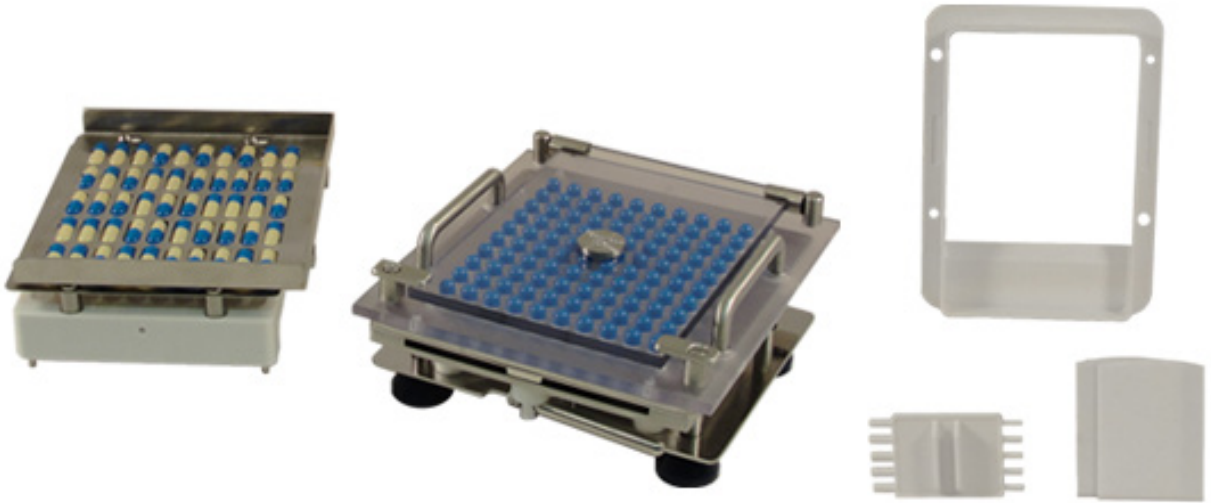


FASTLOCK-IP

Capsule Filling System for Sizes 00-4

Available in 100 holes

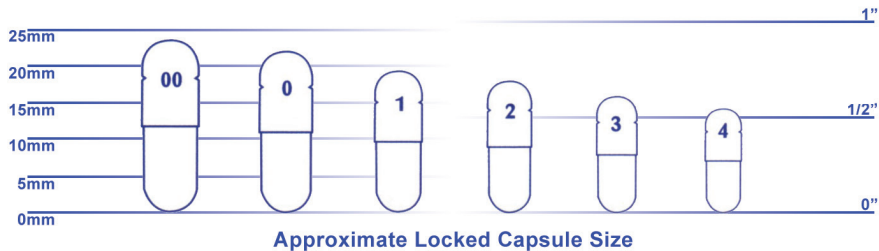


Fastlock-IP Manual



on www.capsule-filler.com

v. 1.1



Approximate Locked Capsule Size

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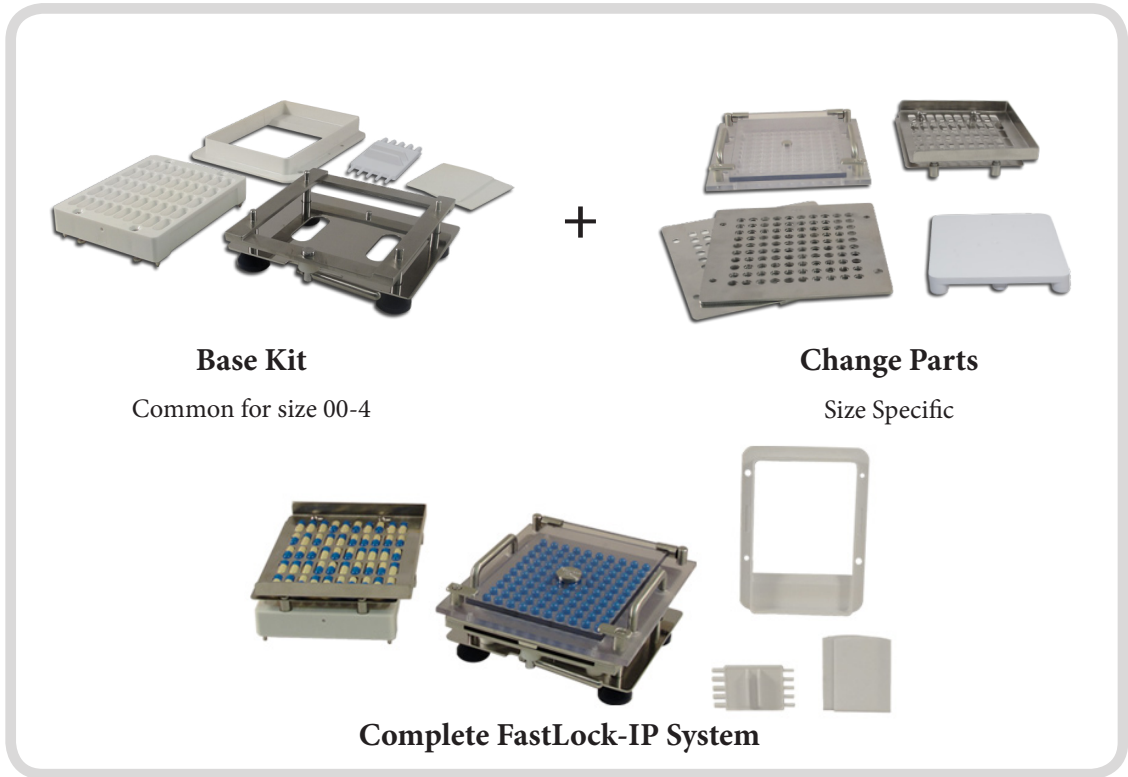
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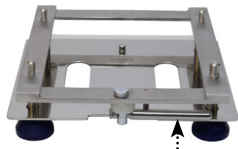
Overview: Features



1. Base Kit available in 100 holes.
2. Order Change Parts for each capsule size 00, 0, 1, 2, 3 or 4 as needed.
3. FastLock cam design.
4. 99% Orientation & 100% capsule separation.
5. 100% capsule separation.
6. Includes Powder Tray to minimize powder loss.
7. Lightweight Orienter quickly positions capsules into Filler.
8. Inox (Stainless Steel) sheets for reduced static and long-life.

Overview: Box Contents

Base Kit



Cam Lever



1. Filler Base

2. Orienter Base

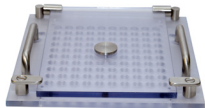
3. Powder Tray

4. Tamper

5. Powder Spreaders (2)



6. Grease Packet



7. Caps Tray with Locking Plate



8. Body Sheets (2)



9. Orienter Tray

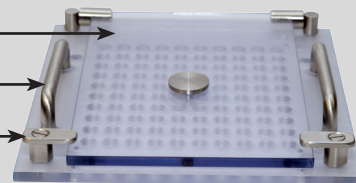


10. Spacer Plate

11. Locking Plate

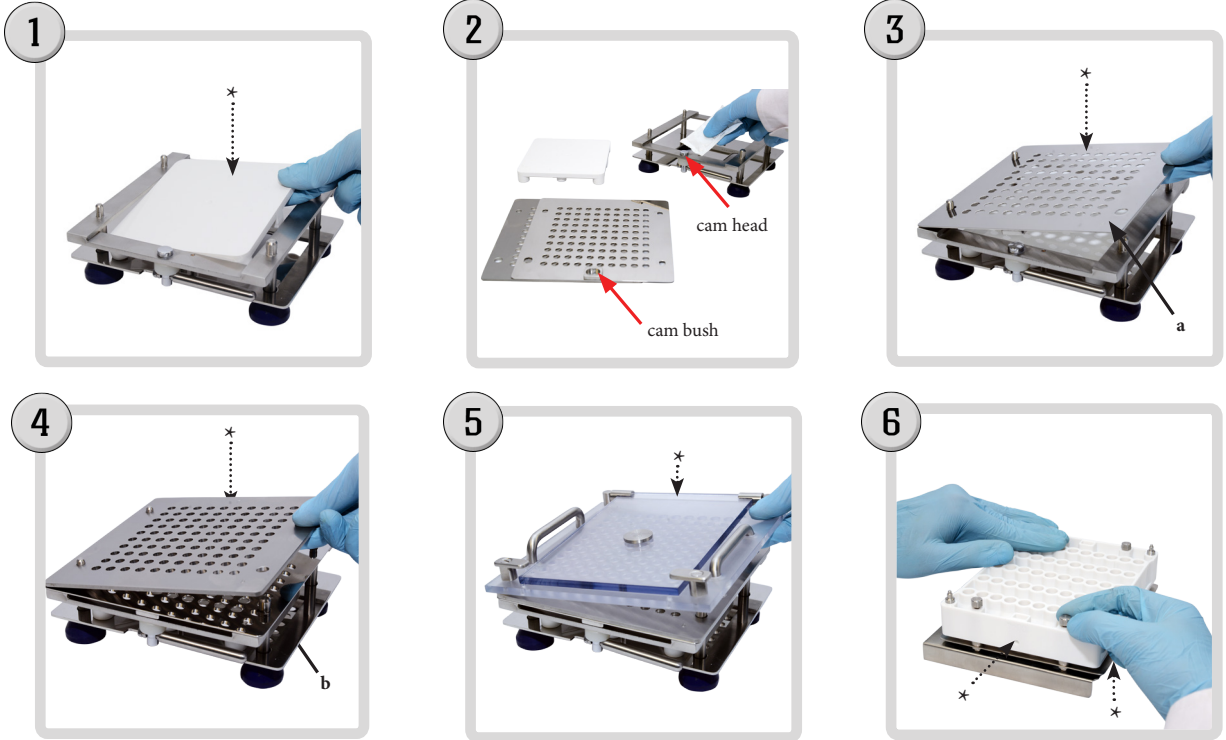
12. Caps Tray Handles

13. Caps Tray Tabs



Caps Tray with Locking Plate

Initial Assembly /Capsule Size Change



See video at www.capsule-filler.com/assembly

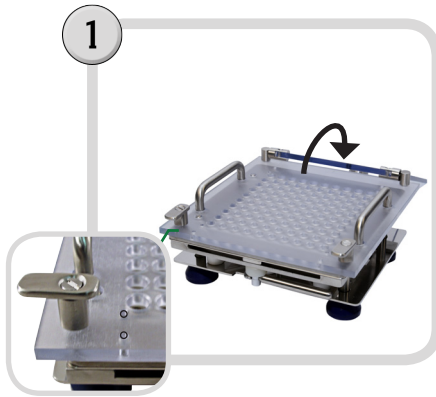
* *Capsule Size Marking*

Initial Assembly: Assemble parts in sequence shown

1. Spacer Plate
2. Cam Lubrication see page 12
3. Sheet a
4. Sheet b
5. Caps Tray with Locking Plate
6. Attach Orienter Base to Orienter Tray with four screws

Capsule Size Change: Remove parts shown and replace with new capsule size parts. Check all part size markings.* See video at www.capsule-filler.com/change-parts

Operating Instructions: Orientation

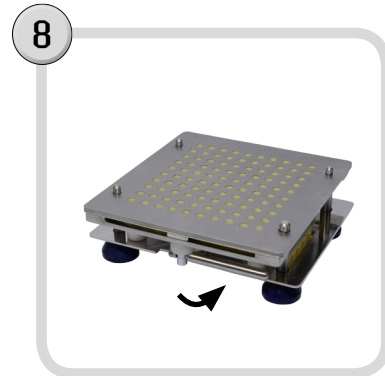
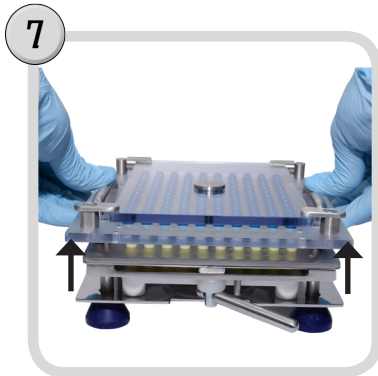
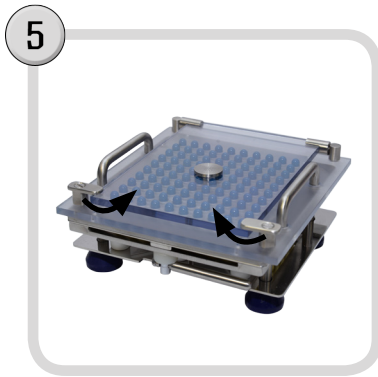


See video at www.capsule-filler.com/demo

Orientation:

1. Place Caps Tray on Filler, Cam Lever at 3 o'clock. Open Caps Tray Tabs and then open Locking Plate.
2. Pour 60-70 capsules onto Orienter. Block open end with left hand. Shake in all directions moving capsules into slots.
3. Pour off excess capsules.
4. Place front locating feet of Orienter into front holes on Caps Tray. Slide Orienter Tray to the left 1-3 times to drop capsules in to Filler. Repeat steps 2-4 except in step 4 place Orienter into back holes on Caps Tray.

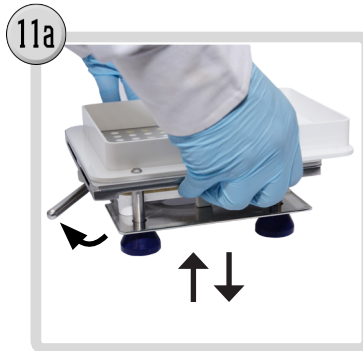
Operating Instructions: Separation



Separation:

5. Remove Orienter, close the Filler Locking Plate and secure it by turning the two Caps Tray Tabs.
6. Pull cam Lever to secure capsules.
7. To separate capsules, press thumbs down on Caps Tray handles while lifting Caps Tray up with fingers. Remove Caps Tray with caps from Filler.
8. Release Cam Lever so capsules fall down into Filler.

Operating Instructions: Filling

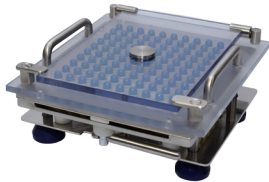


Filling:

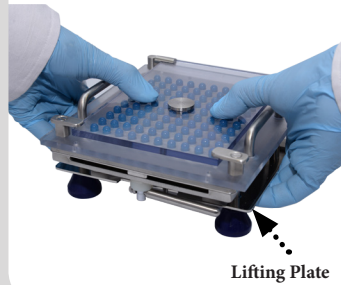
9. Place Powder Tray onto Filler.
10. Pour powder onto Filler and spread. Use tapping, vibration or tamping to compress powder.
- 11 a. **Tapping:** Pull Cam Lever to hold capsule bodies gently. Lift one side of Filler about 3 cm or 1 inch and allow it to drop to the table 4-5 times. Repeat for each side of Filler. Lift entire Filler and tap 4-5 times. Release Cam Lever and spread remaining powder. Pull Cam Lever and repeat tapping cycle. For most powders, 2-3 tapping cycles are required for maximum and uniform fill weights. Release Cam.
- b. **Vibration:** Use optional Vibrator to fill powder.
- c. **Tamping:** To fill additional powder, use Tamper.

Operating Instructions: Locking

12



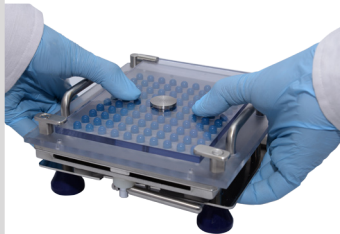
13a



13b



13c



13d

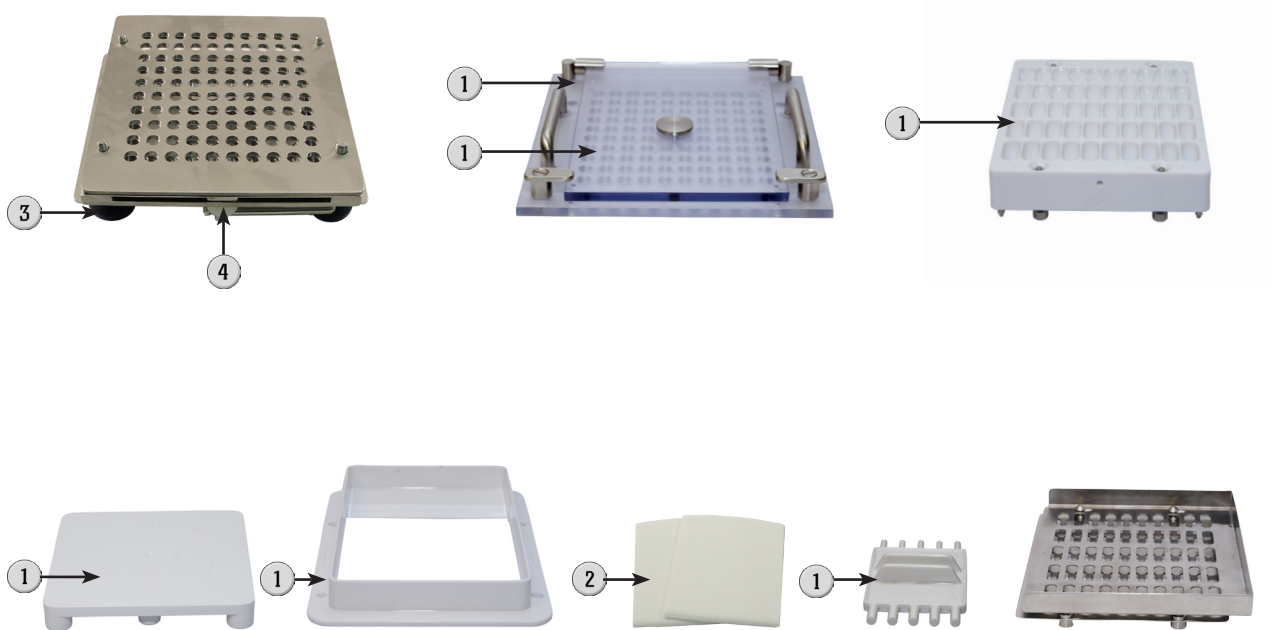


Locking:

12. Remove Powder Tray and Place Caps Tray onto Filler.
13. To lock capsules, press down on Locking Plate with thumbs while pulling up Lifting Plate. Do not press on Caps Tray Handles as this will prevent locking. Repeat several times, moving hands from front to back along Filler.

Tip: If you are not able to lock capsules see page 14, #2.

Materials of Construction



Materials of Construction:

Metal parts are Inox (SS304)

1. Polycarbonate
2. LDPE
3. Silicone Rubber
4. Nylon

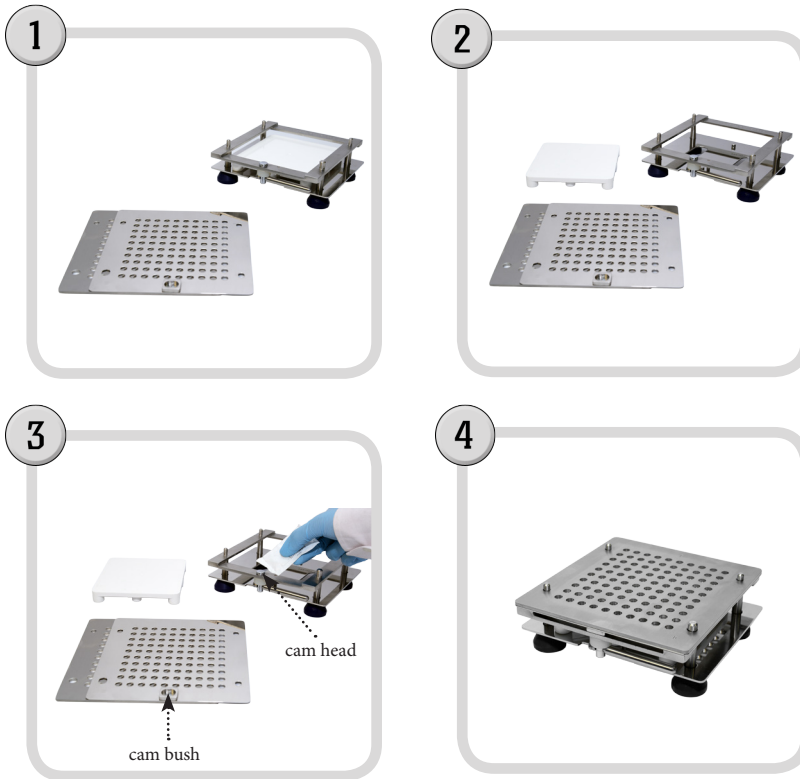
Maintenance: Cleaning



 See video at www.capsule-filler.com/cleaning

1. Wipe or brush off any loose powder.
2. Wash Filler
 - a. Dishwasher: All parts are fully dishwasher safe. Plastic parts should be placed in top rack of dishwasher (< 70 °C / 160 °F).
 - b. Hand Wash: Use nylon brushes to clean holes. Use household hand dishwashing liquid to clean. Do not use solvents or abrasives.
3. Allow to dry before use.
4. Do not expose to heat for drying.
5. Lubricate Cam Head and Cam Bush (see photo 3, page 12)
6. Reassemble Filler

Maintenance: Lubrication

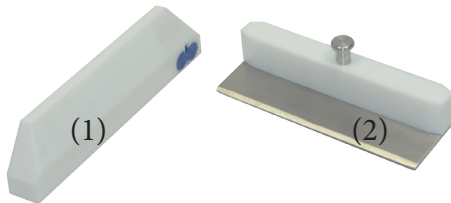


Clean and lubricate cam daily to extend its useful life.

1. Remove Sheets “a” + “b”.
2. Remove Spacer Plate and wipe powder from all parts.
3. Lubricate cam head and cam bush (underside of Sheet b) with Dow Corning Molykote® 111 grease or other food grade lubricant, e.g. Vaseline Petroleum Jelly.
4. Reassemble Filler.

Optional Accessories

Partial Batch Kit



Fill fewer than the maximum capsules per batch. Includes (1) Orienter Divider and (2) Powder Tray Divider.

Material:

Inox (SS316), Polyacetal and silicone rubber.

How to use:

see www.capsule-filler.com/accessories

Vibrator

Recommended for faster filling of powders that bridge or are granular, fluid or flour-like. Reduces weight variation of fine powders.

Specifications:

100-120 Volts / 50-60Hz

220-240 Volts / 50-60Hz

How to use:

see www.capsule-filler.com/accessories



Replacement Parts

Cam + B sheet



These are known wear parts. If not achieving 100% capsule separation these parts may need replacement. Contact your distributor.

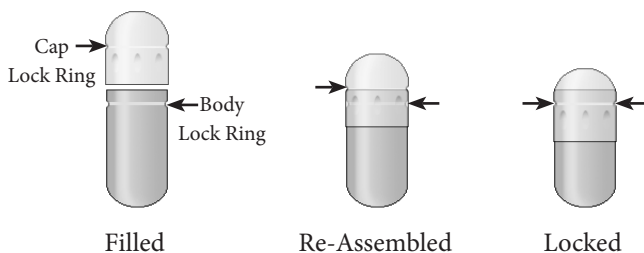
User Tips

1. Capsule bodies not level with Top Sheet of Filler after separation

- This will not impact fill weights.
- It is normal for the top of the capsule bodies to sit unevenly in the filler after separation from the caps. Capsules have slight variation in diameter and height, which allows some to fall through to the bottom plate while others are held by the body sheets.
- No capsules should sit higher than the top sheet. If they do, use your hand to pat them into place before pouring powder.
- After spreading powder and doing your first tapping, vibration, or tamping of the powder, the capsule bodies will settle properly into place and sit 0.5 to 1 mm lower than the top surface of the body sheet set.

2. Capsules are difficult to lock

Locking capsules requires force. If you are not able to fully lock capsules in the Filler, remove Caps Tray with capsules re-assembled. Turn over the Caps Tray and press capsules with your thumbs to fully lock them.



3. Capsules are too soft, too brittle (crack), or have static charge.

Capsule storage and filling should be from 15 to 22° C (59 to 72°F) with relative humidity from 35 to 65%.

4. Not all capsules fall through Orienter Tray

Sometimes you must slide the Orienter Tray 2 or 3 times to allow all capsules to drop through to the Filler. This condition is caused by the normal variation in capsule diameter, and also by static charge of the capsules when entering the Orienter Base. To reduce static humidify the air so it is between 40-60% RH. You can also spread talc powder on the bottom of the Orienter Base.

CE Declaration of Conformity

Custom Capsules Pvt. Ltd.

Works : B - 8 / 1, MIDC, Tarapur, Camlin Naka, Dist. Thane, Maharashtra, Pin - 401 506. India.
Phone : 02525 - 272538 Fax No.: 02525 - 272537

DECLARATION OF CONFORMITY

Product name Hand operated capsule filling machine
Model FastLock-IP
Manufacturer Custom Capsules Pvt. Ltd.
 B 8/1 Camlin naka, Tarapur MIDC, Boisar,
 Dist: Thane, Maharashtra, India, 401506
Contact person CE certification questions
 Mr. A.H. Varma
 Phone: +91 2525-272538
 Fax : +91 2525-272537
 ccpl@capsuleworld.com

It is hereby confirmed that the above product complies with the requirements set out in the following directive:

2006/42/EC Machinery directive

The harmonized standards applied are as follows:

EN292/1 & EN292/2:1991 Safety of machinery - Basic concepts and general principles for design.

EN349:1993 Safety of machinery - Minimum gaps to avoid crushing of parts of the human body.

I hereby declare that the above product has been designed to comply with the relevant sections of the above referenced standards. The unit complies with all applicable essential requirements of the directive.



The product carries the CE mark.

Signed: 

Name: A.H. Varma
Position: Assistant manager Q.A.

Place: MIDC Tarapur, India
Date: 28 May 2016

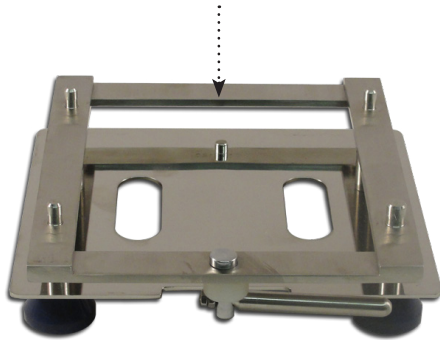
FastLock EU DOC 1605

CIN No.: U24235MH1988PTC048924

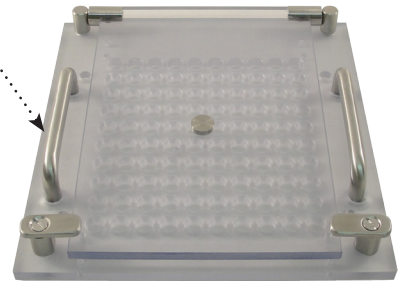
Regd. Office : Dalamal House, 1001, 10th Floor, Nariman Point, Mumbai - 400 021.
Tel. No.: 2287 2557 / 2287 2558 Fax No.: 022 - 2287 2560.

Warranty / Contact Information

Filler Base Serial number on bottom



Caps Tray manufacturing code



12-month parts replacement in case of manufacturing defects. On-site service is not included.

The warranty does not cover damage caused by accident, misuse, alterations, tampering, negligence, or operation that does not conform to the instructions in the operating manual. Contact your distributor or email info37@capsule-filler.com. Please include Filler Base Serial Number with all correspondence.

www.capsule-filler.com