

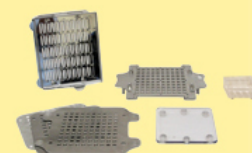


Choose from 60, 100 or 120-hole models. Photos show 100-hole model.

### Key Features

- All metal parts Inox (SS316)
- Fully dishwasher safe
- Includes:
  - Capsule Locker
  - Powder Tray & Clamps

Fill Sizes 00-4 using  
Change Parts!



Available in 300 hole  
hand-held & bench-top.

### Easier To Use

- ❖ Multiple design features make it easier to use than other hand-held systems (pg. 2).
- ❖ Fill powder using tapping, tamping or vibration (optional).
- ❖ Inox (Stainless Steel 316) plates for reduced static.
- ❖ Includes a Capsule Locker for hard-to-lock powders.
- ❖ Video tips at [www.profiller.com](http://www.profiller.com). Well-illustrated manuals in multiple languages.

### Faster Size Changes & Cleaning

- ❖ High GMP, all metal parts are Inox (Stainless Steel 316).
- ❖ Change capsule sizes in 2 minutes. Change Parts available in sizes 00-4 for all systems. Order 1100 for 000, 5, 00el-2el.
- ❖ Size changes are adjustment and tool free.
- ❖ All parts are dishwasher safe & can be dried in a hot air oven or with a portable hair dryer.
- ❖ Designed for fast disassembly & visual verification of cleaning.

### Pharmacopoeia Compliant

- ❖ Fill weights, USP/EP method within  $\pm 1-2\%$  of average. More information at [www.profiller.com/fw](http://www.profiller.com/fw).
- ❖ Validation package available for cGMP compliance.
- ❖ Works with all capsules including gelatin, vegetarian/HPMC and starch capsules.

### Higher Output

- ❖ Up to 35% faster than other systems based on a patented design, included tamper & accessories.
- ❖ Inox (Stainless Steel 316) plates for reduced static.
- ❖ Tamper size range optimized for higher fill weights and faster filling.
- ❖ Unique features include lightweight 2-piece Orienter, Orienter locator and extra deep Powder Tray & Powder Tray clamps.
- ❖ Fully lock capsules after filling, unlike other hand-held fillers saving you time and frustration!

### Optional Accessories

- ❖ Powder Vibrator.
- ❖ Partial Batch Kit for filling less than a full batch.
- ❖ Over-Encapsulation attachments for tablets, capsules & caplets. (1100 Model Only).

For filling size AAA-E capsules ask about the ProFill OE & ProFiller 3700OE.

For Higher Output choose from our 300-hole systems.



3600



3700



3800

Distributed by:

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personalizing  
medicine

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ProFiller 1060 up to 1300-2000 capsules/hour.

ProFiller 1100 up to 2000-3200 capsules/hour.

ProFiller 1120 up to 2400-3600 capsules/hour.

Output based on powder, operator speed & number of taps/tamps

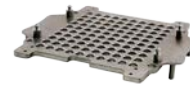
15+ design elements that make the ProFillers the Hand-Held Filler of Choice

● Ease of Use

◆ GMP

▲ Speed

### Fully Dishwasher Safe 2 minute Size Changeover



All metal parts Inox (316 Stainless Steel) for less static and improved GMP ◆ ▲



Adjustment-free Spacer Plate for fast size changes and consistent fill weight. ● ◆



Capsule slots: patented design laser cut for 100% capsule orientation. ● ▲

Orienter size change is adjustment free. ●

Only 2 screws from sides for size change. ●

Optional: Use without screws and shake only lightweight Orienter Tray. ●



Locating Pins in Orienter & locating holes in Filler for 100% capsule transfer into Filler. ● ▲



Cam Handle for fast capsule separation. ▲



Extra deep Powder Tray for fast spreading. ▲ ◆



Two full size Powder Spreaders ▲



Tamper 30/50/60-pin in optimum size ranges 000, 00, 0-1, 2-3, 4 for faster filling & higher fill weights. ▲

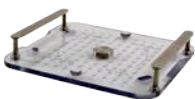
Self-Standing Tamper ◆



Powder Tray clamps for pharmacy ◆  
compounding or filling on optional Vibrator



Capsule Locker is size-specific. Speeds locking, prevents over-locking & capsule body dents ● ▲



Locking Plate with domes to prevent capsule cap dents ● ◆

Fully separates from Caps Tray for easy removal of filled capsules. ● ▲



Locked Capsule Indicator. ● ◆



### Special Fill Materials

#### When to use a Powder Vibrator – see [www.profiller.com/vibrators](http://www.profiller.com/vibrators)

The optional Vibrator is especially helpful when filling certain materials:

- Fluffy and fine powders such as Charcoal.
- Powders that bridge such as Tyrosine or Calcium Carbonate.
- Powders that can stick to Tamper pins such as Frankincense or Dolomite.
- Granules where tamping can cause granules to break or compress such as Omeprazole.



#### Filling Liquids

Fill non-aqueous liquids only. After separating capsules, leave capsules in raised position. Fill capsules with a pipette or syringe. After filling, slowly push Cam Lever back to release capsule bodies so they are level with top surface of Filler. Continue with locking capsules.



R&D Stability or In-House Trials: keep capsules vertical to minimize leakage between the cap and body.  
Compounding Pharmacies: seal capsules using capsule sealing tip [www.profiller.com/tips](http://www.profiller.com/tips).  
Commercial Distribution: capsules require sealing using equipment purchased separately.

#### Filling Sticky Powders

Separate capsules and release Cam Lever so bodies are level with top surface of Filler. Before tamping powder, pull Cam Lever towards you until a gentle pressure holds capsules in place. This will prevent capsule bodies from being pulled up with Tamper during tamping.



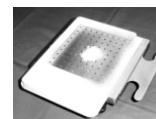
#### Over-encapsulation / Double Blinding of Tablets, Capsules and Caplets. (For 1100 Model Only)

A full range of accessories is available (page 6). For size AAA-D capsules, ProFill OE and ProFiller 3700OE are available.



#### Partial Filling Of Capsules (For 1100 Model Only)

A custom made attachment can be ordered to partially fill 100 capsules e.g. for inhalation capsules. Fill weight variation is within  $\pm 7\%$  of average. Contact us for powder specifications to design the attachment. Delivery 6-8 weeks.



### Installing Change Parts



#### No Tools Required

ProFiller's patented design requires no tools or adjustments to change capsule size.



1. Unscrew 2 thumbscrews holding Orienter Tray to Base.



2. Position new size Orienter Tray and tighten 2 thumbscrews.



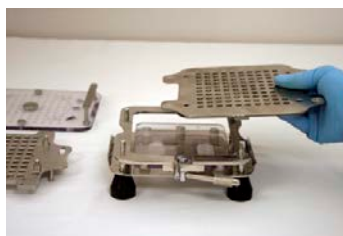
3. Remove Caps Tray.



4. Set Cam Lever to 3 o'clock. Remove the 3 Body Sheets.



5. Lift out clear Spacer Plate and replace with new size Spacer Plate.



6. Place new size Body Sheet "a" then "b", then "c" on locating pins.



7. Place new size Caps Tray. You are ready to fill a new capsule size.

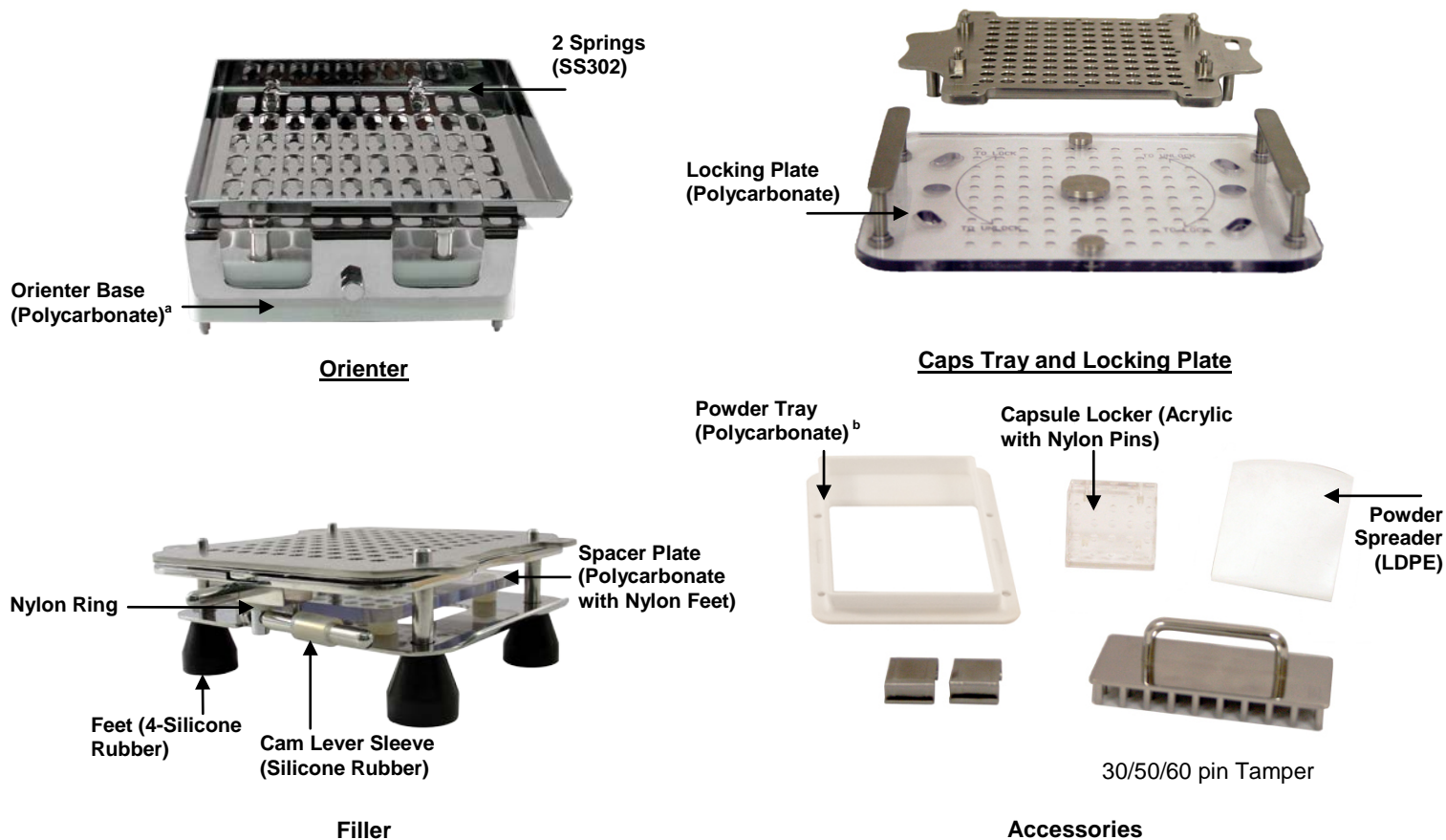




### Materials of Construction

#### All Parts Dishwasher Safe

Parts not otherwise labeled are made of Inox (Stainless Steel 316)



Nylon parts discolor when used with Erythrosine. Powder Spreader discolors when used with Beta Carotene or Sunset Yellow.

### Cleaning & Drying Methods

#### Automatic Dishwasher

All parts fully dishwasher safe using automatic dishwasher detergents. Place plastic parts in top rack (<70°C / 160°F).

#### Cleaning Agents

We recommend cleaning using household hand dishwashing liquid. All items may be cleaned with NaOH (caustic soda) 1-2% solution, 1% sodium thiosulphate solution, or liquid detergents with up to 4% sodium hypochlorite. Rinse thoroughly.

#### Isopropyl Alcohol

Wipe parts with a cloth dipped in isopropyl alcohol, then immediately wipe dry with a clean cloth. Do not use on acrylic Capsule Locker or acrylic Orienter Base (1060 & 1120). Acrylic parts can be cleaned with a solution of 15% Ethyl Alcohol (Ethanol) and 85% water. Wipe parts with a cloth dipped in ethanol solution, then immediately wipe dry with a clean cloth.

#### Hot Air Drying

Up to 60° C. Remove plastic parts from oven after 15-20 minutes. Keep portable hair dryer at a distance of 12 inches (30 cm) from all items.

#### Autoclave

Do not autoclave plastic parts. Other parts may be autoclaved at 121°C, 15 psi pressure for 15 minutes. For ProFiller 1100, plastic parts are available in autoclavable metals in the P10 AK Autoclave Kit in Accessories.

See Manual for more information on cleaning products and methods.

<sup>a</sup> Orienter bases that are clear (transparent) are acrylic. Orienter bases that are white opaque are polycarbonate.

<sup>b</sup> Powder trays 100% plastic are from polycarbonate. Powder Trays with Inox (stainless steel 316) reservoir use PET plastic.

Item Description	ProFiller 1060 (60-holes)	ProFiller 1100 (100-holes)	ProFiller 1120 (120-holes)
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### Full System

#### Everything you need to fill one capsule size:

- Hand-Held Filler Base, Orienter Base and Locking Plate
- Change Parts for one capsule size
- Tamper
- Powder Spreader
- Powder Tray
- Powder Tray Clamps



Need to fill more than one Capsule size?  
See our combo packages below.

Size 00:	P06 HHS 00	P10 HHS 00	P12 HHS 00
Size 0:	P06 HHS 0	P10 HHS 0	P12 HHS 0
Size 1:	P06 HHS 1	P10 HHS 1	P12 HHS 1
Size 2:	P06 HHS 2	P10 HHS 2	P12 HHS 2
Size 3:	P06 HHS 3	P10 HHS 3	P12 HHS 3
Size 4:	P06 HHS 4	P10 HHS 4	P12 HHS 4

For Capsule sizes 000, 5, 00el-2el, AAA-E contact us for more information.

### Change Parts

#### Change parts for one capsule size include:

- Caps Tray
- Body Sheet Set
- Spacer Plate
- Capsule Locker
- Orienter Tray



Size 00:	P06 CPS 00	P10 CPS 00	P12 CPS 00
Size 0:	P06 CPS 0	P10 CPS 0	P12 CPS 0
Size 1:	P06 CPS 1	P10 CPS 1	P12 CPS 1
Size 2:	P06 CPS 2	P10 CPS 2	P12 CPS 2
Size 3:	P06 CPS 3	P10 CPS 3	P12 CPS 3
Size 4:	P06 CPS 4	P10 CPS 4	P12 CPS 4

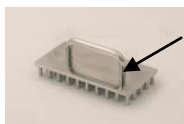
For Capsule sizes 000, 5, 00el-2el, AAA-E contact us for more information.

### Tamper

Tampers increase filling speed and fill weights  
For all models in size ranges are: 00, 0-1, 2-3, 4.

For 1100 model only: 000, 00el, 5. (contact us)

Sizes 0el, 1el, and 2el use the same tamper as their corresponding size.



Size Range

Size 00:	P06 T30P 00	P10 T50P 00	P12 T60P 00
Size 0-1:	P06 T30P 0-1	P10 T50P 0-1	P12 T60P 0-1
Size 2-3:	P06 T30P 2-3	P10 T50P 2-3	P12 T60P 2-3
Size 4:	P06 T30P 4	P10 T50P 4	P12 T60P 4

### Combination Packages

#### Combo Package A

Choose 3 sizes from 00, 0, 1, 2, 3 or 4

Includes: 1 Full System, 2 Change Parts sets, and tampers for sizes ordered.

#### Combo Package B

Choose 4 sizes from 00, 0, 1, 2, 3 or 4

Includes: 1 Full System, 3 Change Parts sets, and tampers for sizes ordered.

### Powder Vibrator

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



#### Voltage/Frequency

#### Item #

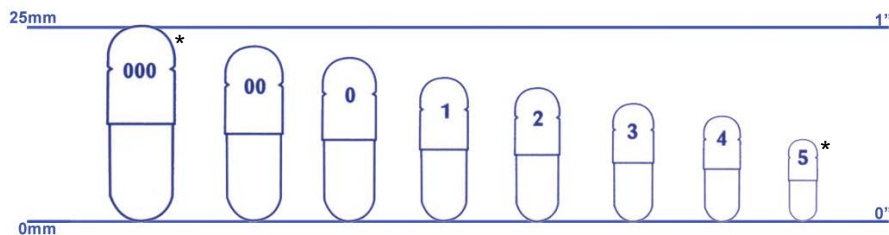
100-120 Volts/  
50-60Hz

PM VIBHH 110V

220-240 Volts/  
50Hz

PM VIBHH 230V

### Capsule Size Chart



\*Only available for ProFiller 1100



Item Description	ProFiller 1060 (60-holes)	ProFiller 1100 (100-holes)	ProFiller 1120 (120-holes)
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### Filler Change Parts

Continue production with a fresh set of Filler Change Parts while another set is being washed & dried.



P06 FCP CS\*

P10 FCP CS\*

P12 FCP CS\*

\*Specify Capsule Size when ordering

Item Description	Capsule Size	Item #
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### Optional Accessories

#### Maintenance Kit

Includes 1 cleaning brush, 1 nylon cleaning pad, 2 Filler Base feet, 2 Orienter Base screws, & 2 Spacer Plate feet for each size.



00-4

P1X MK 00-4

#### Partial Batch Kit

Fill fewer than 100 capsules per batch. Includes 1 each of Orienter Divider, Powder Tray Divider & 5-pin Tamper.



00-4 & 0el-2el

P1X PBK 00-4

#### Tamper 5-Pin

Each side of the Tamper is for a different capsules size range.



00-1 & 2-4  
(including el sizes)

P1X T5P 00-4

#### Tap Densimeter

Used to determine tapped density for capsule filling. Eliminates calculation errors as volume is 1 ml.



n/a

PXX-TDM

#### Tamper 100-Pin (for 1100 Only)

For Faster Filling



00  
0-1 & 0el-1el  
2-3 & 2el  
4

P10 T100P 00  
P10 T100P 0-1  
P10 T100P 2-3  
P10 T100P 4

#### Bottom Plate Adjustable (for 1100 Only)

Lowering capsule bodies by 2 mm increases fill weight by 10-15% for many powders and 2-4% for coarse or granulated powders that do not compress.



All Sizes

P10 BPA 000-5

#### P10 Autoclave Kit (for 1100 Only)

With this kit the entire ProFiller 1100 is autoclavable. Includes Inox (SS316) height adjustable Spacer Plate; hard anodized aluminum Orienter Base, Locking Plate, Capsule Locker, Powder Tray; Teflon Powder Spreader.

**Note:** hard anodized aluminum parts are dishwasher safe without detergent.

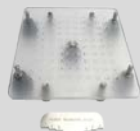


00-4

P10 AK

#### P10 Liquid Fill Locking Plate

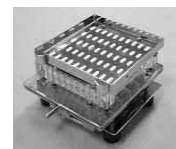
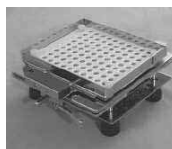
Prevents leakage between cap and body during the locking step for capsules filled with non-aqueous product that is liquid at room temperature. Use with Capsule Locker to fully lock capsules without turning over the Caps Tray. Height setting gauge included.



00-4

P10 LFLP 00-4

### Over-Encapsulation Accessories



#### Capsule In Capsule Inserter

P10 ACI

Specify Inner Capsule Size

#### Tablet Fill Attachment (Standard)

P10 ATF STD

For round tablets 6.1-9.0 mm dia.  
& 2.0-5.0 mm height.

#### Tablet Fill Attachment (Custom)

P10 ATF Custom

Tablet Dimensions Required

#### Caplet Attachment (Custom)

P10 ACF Custom

Caplet Dimensions Required

### Shipping Weight and Dimensions (Approximate)

	1060	1100	1120
Shipping Weight	10 lbs (4.7 Kg)	14 lbs (6.5 Kg)	15 lbs (7 Kg)
Shipping Dimensions	15 x 10 x 7 in (37 x 26 x 18 cm)	18 x 11 x 7 in (45 x 28 x 17 cm)	17 x 11 x 6 in (44 x 28 x 16 cm)

For detailed weights and dimensions see [www.profiller.com/wd](http://www.profiller.com/wd).

## 1. Is a CE certificate Available?

A "Declaration of Conformity" is included with each system. A CE certificate is included with the optional Vibrator.

## 2. What is the output?

Output is 2000-3200 capsules per hour for the 1100, 1300-2000 for the 1060, and 2400-3600 for the 1120. Our engineers have designed over 15 features that make the ProFiller 1000 series the **fastest** and **easiest** hand-held filling systems on the market. The lower output is for fine powders. The higher output is for coarse free-flowing powders. Your results will vary based on the powder flow properties, operator speed & technique and use of excipients.

## 3. How accurate are fill weights?

Fill weights using the USP/EP method are within  $\pm 1-2\%$  of target. When weighed individually (a stricter standard than USP/EP), typically all capsules in a batch are within  $\pm 4-7.5\%$  of target. For more information visit [www.profiller.com/fw](http://www.profiller.com/fw).

## 4. What types of capsules can I fill?

We have successfully tested different brands and types of capsules including gelatin, HPMC (vegetarian) and pullulan (starch) capsules. Our 3 Body Sheet Set design enables 100% separation of vegetarian capsules.

## 5. What size capsules can I fill?

Sizes 00-4 can be filled on any ProFiller model. Sizes 000, 00el-2el and 5 can be filled on ProFiller 1100. Change parts can be ordered so you can fill additional sizes on the same system. For sizes AAA-D we offer the ProFill OE (100 hole hand-held) and ProFiller 3700OE (300 hole bench-top).

## 6. How big is the system and where can I store it?

For all three models the entire system can comfortably fit in a regular office desk drawer. For detailed dimensions visit [www.profiller.com/wd](http://www.profiller.com/wd).

## 7. Can I over-encapsulate or double-blind tablets, capsules and caplets?

Yes, you can with the ProFiller 1100. See page 6 for more information and special attachments.

## 8. Can I fill liquids or sticky powders?

The ProFiller system can be used to fill capsules with non-aqueous liquids or sticky powders. See Page 3 for tips, or visit [www.profiller.com/tips](http://www.profiller.com/tips) and follow the link for special fill materials.

## 9. Can the ProFiller be cleaned in an automatic dishwasher?

Yes, the entire system can be placed in an automatic dishwasher and is safe for use with automatic dishwasher detergents.

## 10. What is the ProFiller system made of?

See page 4 for the materials of construction.

## 11. What is the shipping weight and size?

See bottom of Page 6. For more detailed information visit [www.profiller.com/wd](http://www.profiller.com/wd).

## 12. Is there a larger ProFiller available?

Yes, the ProFiller 3600, 3700 & 3800 fill 300 capsules per cycle and have an output of up to 3-4X that of the ProFiller 1100. Visit [www.profiller.com](http://www.profiller.com).

## 13. What are the maintenance requirements?

We recommend daily cleaning, preferably washing, of the machine to remove any powder. At a minimum the cam and the cam bush on the underside of sheet "b" should be wiped clean of powder and lubricated with a food grade lubricant (e.g. Vaseline petroleum jelly).

## 14. What fill materials are known to discolor the ProFiller?

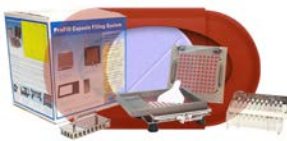
Most fill materials will not discolor the ProFiller. See the Materials of Construction on page 4 for a list of materials known to discolor one or more parts of the ProFiller. If you have questions on a specific fill material contact us.

If you have additional questions that are not answered here, or you would like additional information, please visit [www.profiller.com](http://www.profiller.com). The website contains detailed information about using, cleaning, and caring for your ProFiller System





### Capsule Filling Equipment



#### ProFill OE - Handheld 100-hole Capsule Filler for AAA-D

Up to 1000-1500 doses/hour. Available in 100 holes for sizes AAel, AA, A, B, D; and in 64 holes for AAA. Tablets that fit in C & E also fit in the next larger size capsule i.e. B & D.



#### ProFiller 3600 - Handheld 300-hole Capsule Filler

For the growing company and for use under powder hoods or in glove-box isolators. Fully locks capsules after filling. The only 300-hole hand-held you can upgrade as the Change Parts of the 3600 also fit the 3700 bench-top Filler. The same Orienter works with 3600 & 3700. Output up to 4500-6900 Capsules per hour. Available in Sizes 000-4 & all el sizes.



#### ProFiller 3700 - Bench-top\* Capsule Filler & Hand-held Orienter

Easiest bench-top system to set-up and use. Includes a hand-held Orienter. Up to 6000-9000 capsules per hour. Options include Partial Batch Kit and Vibrator. Available in Sizes 000-5, all el sizes & for sizes AAA-D as ProFiller 3700OE.

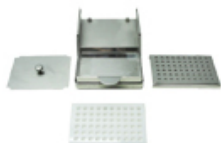


#### ProFiller 3800 - Bench-top\* Capsule Filler & European Style Orienter

Our bench-top system for those who prefer the traditional European style semi-automatic Orienter. Up to 6000-9000 capsules per hour. Optional Vibrator. Available in Sizes 00-4. Other sizes use a hand-held orienter.

*\*Bench-top Systems are designed for easier operation to enable continuous production. The 3700 includes our innovative hand-held orienter. For customers who use the traditional European style "semi-automatic" orienter we offer the 3800.*

### Other Equipment



#### ProCoater - Capsule / Caplet Film Coater

For R&D. Ideal for enteric or film coating small batches of capsules and caplets with solvent based coatings. For capsules sizes 00-3.



#### ProFunnel - Filling Funnels

For precision capsule filling on a balance. Includes Tamper. Made from Inox (316 stainless steel). Available in all capsule sizes including veterinary sizes.



#### ProTDM - Tap DensiMeter

Used to determine tapped density for capsule filling. Eliminates calculation errors as volume is 1 ml.

### Powder Mixer (V-Blender)



#### ProMixer - Powder Blender

For consistent, gentle and uniform mixing of powders in 5-10 minutes. Shells available in "V" or Drum shape in sizes from 130ml to 10L. Shells are in Inox (SS316) for smoother powder flow & easy cleaning.

