Bench-Top Capsule Filling Systems

For Use in R&D • Pharmacy Compounding • Nutritional Supplements • Clinical Studies



ProFiller 3700 is the new standard in 300-hole bench-top capsule filling systems. Available with a European style Semi-automatic Orienter as ProFiller 3800. Experienced users like the higher output, fast size changes, easy to clean design & optional accessories. First time users love the ease-of-use & upgrade options.

Easier To Use

ProFiller

Hand-Held or European Style Orienter

- Easier to use than other 200 or 300 hole systems.
- Indicator gauges to assist in capsule orientation, separation and locking.
- Shipped fully assembled. Ready for use in less than 1 hour.
- Video tips at <u>www.profiller.com</u>. Well-illustrated manual in multiple languages.

3700

3800

Higher Output

- Unique features include lightweight, 2-piece Orienter (3700), Orienter locater and oversize Powder Tray & Push Plate.
- Tamper size range optimized for higher fill weights and faster filling.
- Adjustable capsule body height to make over-filling easier & faster.
- Fully locks capsules after filling.

Pharmacopoeia Compliant

- Fill weights, USP/EP method within ± 1-3% of average. Typically all 300 capsules/batch are within ± 4-7% of target. More information at www.profiller.com/3fw.
- Validation package available for cGMP compliance.
- Works with all capsules including gelatin, vegetarian/HPMC and starch capsules.

The easiest 300-hole filler to use! Up to 7200 to 9000* capsules/hour.

*based on powder, operator speed & technique, excipients and weight variation limits. Output is similar for ProFiller 3700 and 3800.

毕 Grows With You

- Add a Vibrator at any time.
- Change Parts for 3700 in Size 000-5, 00el-2el & AAA-D; for 3800 in Size 00-4.
- Order Filler without a Tamper for vibration only operation or in a lower height configuration for use under smaller powder hoods.

GMP & Faster Clean-Out

- Dishwasher safe Inox (SS316) powder contact parts.
- Designed for fast disassembly & visual verification of cleaning.
- Filler base in lightweight, corrosion resistant anodized aluminum or upgrade to optional Inox (SS316).
- Filler's gear, cam and optional Vibrator are fully covered.

Exclusive Accessories

- Partial Batch Kit for filling fewer than 300 capsules per batch.
- Capsule Counter.

- Over-Encapsulation attachments for tablets, capsules & caplets
- Caps Tray in Inox (SS316) or optional lightweight anodized aluminum.

Designed & Manufactured by:

TORPAC[®] Www.torpac T: 1-973-244 333 Route 46

www.torpac.com info37@torpac.com T: 1-973-244-1125 F: 1-973-244-1365 333 Route 46, Fairfield, NJ 07004, USA

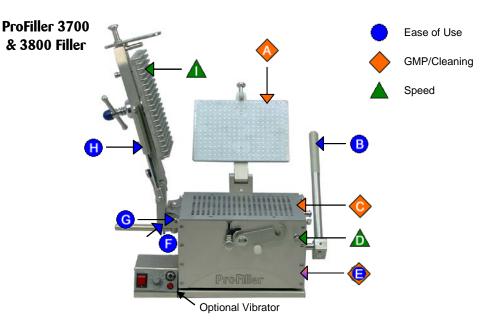


Key Features

Hand-Held or European Style Orienter

3700

3800



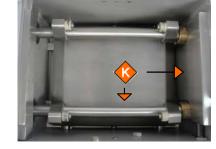
Inox (SS316) Locking Plate. No rubber pad to wear out or clean
Rear locking handle for fast, easy movement across front of machine. New internal gear design for easier locking
Dishwasher safe Inox (SS316) powder contact parts including Bottom Plate (not visible)
Adjustable capsule body height for easier & faster over-filling of capsules
Base Frame in light-weight anodized aluminum or upgrade to Inox (SS316)
Cam position indicator, great for training new operators
Over-size thumb screws for easy size change over
Dual springs make Tamper easier to lower & raise
Tamper pin size range optimized for faster filling & higher fill weights. Size ranges: 00 / 0-1 / 2-3 / 4 / 5 / 000 / 00el



Body Sheets fully separate for easy

cleaning & visual verification of

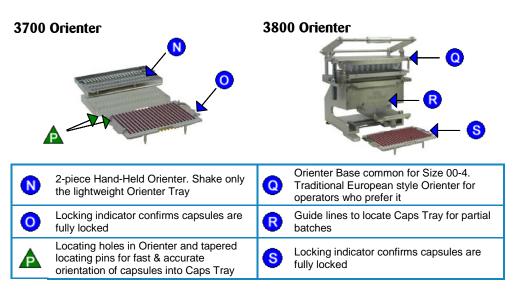
cleaning



Cover for gear mechanism & Vibrator to minimize powder entry (inside view)



- Powder Tray is double-depth for faster Spreading
 - Multi-use Push Plate speeds up operations



Adjustment-Free Size Changeovers

Shipped Fully Assembled

Bench-Top Filler & Hand-Held Orienter

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nem	003	Ciri	puo	•••

3700 Full System

Everything you need to fill one capsule size:

- Filler Base & Orienter Base
- · Change Parts for one capsule size
- 300-pin Tamper Measuring Bowls[†] Capsule Bins[†]
- Powder Tray
- Push Plate
- Powder Spreaders
- Storage Box for Loose Parts[†]



Capsule Size	Item #	05\$
00	P7T BHS 00	\$5,900
0	P7T BHS 0	\$5,900
1	P7T BHS 1	\$5,900
2	P7T BHS 2	\$5,900
3	P7T BHS 3	\$5,900
4	P7T BHS 4	\$5,900
000 (180-hole)	P7T BHS 000	\$6,450
00el-2el, 5, AAA-D	Email for P	rice

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Same Output as ProFiller 3800

Change	Parts for	Additional Sizes	

Use table below only if you already fill any of	sizes 00-4 or 00el-2el. (Otherwise, contact	us.		
Change parts for one capsule size include:			00*	P7T CPS 00	\$1,525
Body Sheet Set			0*	P7T CPS 0	\$1,525
Caps Tray			1*	P7T CPS 1	\$1,525
Locking Plate Spacer	Zungunnungun		2*	P7T CPS 2	\$1,525
Orienter Tray			3*	P7T CPS 3	\$1,525
All Change Parts are Inox (Stainless Steel 316)			4**	P7T CPS 4	\$1,525
and include a plastic storage box.			000 (180-hole) [†]	P7T CPCK 000	\$3,170
			00el-2el, 5, AAA-D	Email for Pr	ice

* If you can fill Size 4 only also order Bottom Plate P78 BBP 00-3 for \$690.

[†]not shown in photo

** If you do not have Size 5 change parts also order Bottom Plate P78 BBP 4-5 for \$690.

Tamper for Additional Size (optional)

300-Pin Tamper is Inox (Stainless Steel 316)

Optional Vibrator recommended for faster filling of powders that bridge or are granular, fluid or flour-like. It also reduces weight variation of fine powders. Fully enclosed in Inox (SS316). Filler sits over Vibrator. Also available with Inox

Powder Vibrator

(SS316) Base Plate.

[†] Includes Orienter Base, Capsule Locking Plate and **Bottom Plate**

00

0-1

2-3	P78 T300P 2-3	\$370
4	P78 T300P 4	\$370
000 (180-pin)	P78 T300P 000	\$460
Voltage/Frequency	Item #	
110-120 Volts/60Hz	P78 VIB 110V	\$1,980
220-240 Volts/50Hz	P78 VIB 230V	\$1,980
100 Volts/50 or 60Hz	P78 VIB 100V [†]	\$1,980

P78 T300P 00

P78 T300P 0-1

\$370

\$370

[†] PM VIB 100V is for Japan. It is supplied in 50Hz for East Japan and 60Hz for West Japan. Please specify your requirement.

3700 Inox (Stainless Steel 316) Filler Base Upgrade

Upgrade your Filler Base from Anodized Aluminum to Inox (Stainless Steel 316). Add \$1000 to the price of a standard system of the same size.

Change Parts and Tampers for "3700 Standard" and "3700 Inox (SS316)" are common, as they are made from Inox (SS 316).

3700 Inox (SS316) cannot be used with a standard Powder Vibrator. A special Powder Vibrator is required for \$2100.

See www.profiller.com/3700ss for item codes and net weight.

Filler Inox (Stainless Steel 316)

Additional Parts in Inox (SS316)



Vibrator Inox (Stainless Steel 316)

Alternate Configurations

ProFiller 3700 is also available with no tamper for those using vibration only, and reduced height configurations for use under a powder hood. See page 8 for additional configurations.

Bench-Top Filler & European Style Orienter

🔺 For Customers who Prefer a European Style Orienter 🔺

For Customers who Prefer a European Style Orienter						
Item Description				Capsule Size	Item #	US\$
3800 Full System						
Everything you need	to fill one capsule size:		• 2.2	00	P8T BSA 00	\$10,900
Filler Base & Oriente	r Base			0	P8T BSA 0	\$10,900
 Change Parts for one 	e capsule size			1	P8T BSA 1	\$10,900
 300-pin Tamper 	 Measuring Bowls[†] 	A RABBARA		2	P8T BSA 2	\$10,900
Powder Tray	• Storage Boxes [†]	1		3	P8T BSA 3	\$10,900
Push PlatePowder Spreaders	 Capsule Bins[†] [†]not shown in photo 			4	P8T BSA 4	\$10,900
		European Style Orienter	Optional Vibrator	000, 00el-2el, 5, AAA-D	Available in 3700 /	3700OE
Change Parts for A	dditional Sizes					
Use table below only	if you already fill any o	of sizes 00-4. C	therwise, contact us			
Change parts for one				00*	P8S CPS 00	\$1,690
 Body Sheet Set 		min	91111111111	0*	P8S CPS 0	\$1,690
Caps Tray				1*	P8S CPS 1	\$1,690
 Locking Plate Spacer Orienter Tray 	-			2*	P8S CPS 2	\$1,690
,	ev (Oteinless Otesl 240)			3*	P8S CPS 3	\$1,690
and include a plastic sto	ox (Stainless Steel 316) orage box.			4** 000, 00el - 2el, 5	P8S CPS 4	\$1,690
				AAA-D	Available in 3700 /	37000E
	only also order Bottom Pla ize 5 change parts also o					
Tamper for Addition	nal Size (optional)					
			*****************	00	P78 T300P 00	\$370
				0-1	P78 T300P 0-1	\$370
300-Pin Tamper is Inox	(Stainless Steel 316)			2-3	P78 T300P 2-3	\$370
				4	P78 T300P 4	\$370
				5	P78 T300P 5	\$370
Powder Vibrator				Voltage/Frequency	ltem #	US\$
of powders that bridge				110-120 Volts/60Hz	P78 VIB 110V	\$1980
	es weight variation of fine ed in Inox (SS316). Filler			220-240 Volts/50Hz	P78 VIB 230V	\$1980
(SS316) Base Plate.				100 Volts/50 or 60Hz	P78 VIB 100V*	\$1980

* PM VIB 100V is for Japan and comes in 50Hz for East Japan and 60Hz for West Japan. Please specify your requirements.

3800 Inox (Stainless Steel 316) Filler Base Upgrade

Upgrade your Filler Base from Anodized Aluminum to Inox (Stainless Steel 316). Add \$1000 to the price of a standard system of the same size.

Change Parts and Tampers for "3800 Standard" and "3800 Inox (SS316)" are common, as they are made from Inox (SS316).

3800 Inox (SS316) cannot be used with a standard Powder Vibrator. A special Powder Vibrator is required for \$2100.

See <u>www.profiller.com/3800ss</u> for item codes and net weight.



Filler Inox (Stainless Steel 316)

+ Additional Parts in Inox (SS316)



Vibrator Inox (Stainless Steel 316)

Alternate Configurations

ProFiller 3800 Standard model is sold with an Anodized Aluminum Base frame, attached Tamper, and a fixed locking plate. ProFiller 3800 is also available with no tamper for those using vibration only, and reduced height configurations for use under a powder hood. See page 8 for additional configurations.



ProFiller 3700/3800 Brochure 1404

Hand-Held or European Style Orienter

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Width:

Installation Requirements

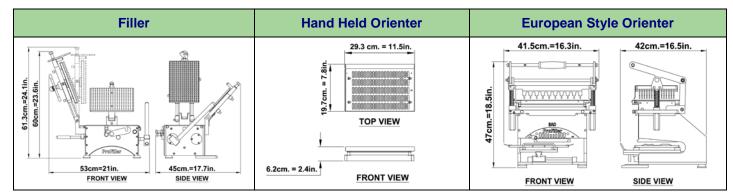


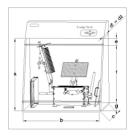
48 inches (120cm) is recommended width if Filler and Orienter are operated on same table. 34 inches (90 cm) is minimum width to operate Filler if Orienter is kept on another table. 30 inches (75cm) depth is recommended.

24 inches (65cm) is the minimum depth.

Height: 29 inches (73cm) or office desk height is recommended.

Electricity is required for optional Vibrator. No compressed air or water is required for operation.





For detailed measurements and information on selecting a powder hood, visit http://www.profiller.com/powder-hood.

Shipping Information

	Item	Boxes	Shipp	ing Wt	Net	tWt
1.			Kg	Lbs	Kg	Lbs
ProFiller 3700	Bench Top Filler & Hand Held Orienter	Box 1	12.5	28.0	6.0	13.0
	for one capsule size	Box 2	47.0	103.0	26.0	57.0
	Extra Change Parts		25.0	5.7	6.5	14
	Optional Vibrator		14.5	32.0	10.5	23.0
(21-11-0)	Item	Boxes	Shipp	ing Wt	Net	t Wt
the second se	Item	Boxes	Shipp Kg	ing Wt Lbs	Net Kg	
		Boxes Box 1		<u> </u>		Lbs
	Bench Top Filler & European Style		Kg	Lbs	Kg	Lbs 14.(
		Box 1	Kg 13.0	Lbs 29.0	Kg 6.5	t Wt Lbs 14.0 57.0 55.0
ProFiller 3800	Bench Top Filler & European Style	Box 1 Box 2	Kg 13.0 47.0	Lbs 29.0 103.0	Kg 6.5 26.0	Lbs 14.0 57.0



For Inox (SS316) Filler add 12 kg (27 lbs) to shipping and 11kg (24lbs) to the net weight of Box 2. For Inox (SS316) Vibrator add 2.5 kg (6 lbs) to shipping and net weight of box for vibrator.

Optional Accessories

Hand-Held or European Style Orienter

ProFiller

3700 3800

	Optional Accessories (ProFiller	3700 / 3800)			
Item Description		ĺ	Capsule Size	Item #	\$US
Powder Tray with Clamps				· · · · ·	
For pharmacy compounding and very fine powders. Four built-in clamps secure Powder Tray to Filler, reducing powder loss under Powder Tray. Useful when working with controlled substances (narcotics).			All Sizes	P3X PTC	\$320
Lifting Handle Extension Attaches to Lifting Handle to make capsule separation and locking under a powder hood easier.			All Sizes	P78 LHE	\$160
Over Fill (OF) Parts					
Standard change parts allow capsules bodies to be lowered by 2mm (Size 00 by 1.2mm) below the surface of the filler. OF Change Parts allow lowering by an additional 2 mm for twice the overfill capacity (3X for Size 00).			000-1	P3X OFP [†]	\$1050
Capsule Counters	And the second second	(PP) INCOMPANY		P3X CTR 3X100	\$230
Divide your batch of capsules into 3 groups of 100 capsules, 5 groups of 60 or 10 groups of 30. Anodized		₩	00-5	P3X CTR 5X60	\$250
aluminum	3x100 5x60	10x30		P3X CTR 10X30	\$290
	Optional Accessories (ProFiller	[·] 3700 ONLY)			
Capsule Locking Plate & Capsule Locker For fully locking capsules with coarse or sticky powders e.g. salt, dolomite, frankincense, charcoal. Capsule Locking Plate is common for sizes 00-4. Both Locker & Locking Plate are required. Capsule Locker is size specific and locks 50 capsules at a	4		00-4	P67 CLP 00-4 P67 CL [†]	\$200 \$30
time.	No. 10000000 (20				+
Partial Batch Kit Fill fewer than 300 capsules per batch. Includes 1 each of Orienter Divider, Powder Tray Divider & Mini Powder Spreader. Order 30-pin Tamper separately.		1 	All Sizes	P67 PBK	\$85
30-pin Tamper For use with ProFiller 3700 Partial Batch Kit. Tamper in Sizes 00, 0-1, 2-3, 4.)	00-4	P67 T30P [†]	\$85
Caps Tray For 3700 Purchase an additional Caps Tray		Anodized Aluminum*	All Sizes	P67 CT AL †	\$380
*Light-weight anodized aluminum Caps Tray is not Dishwasher Safe.		Inox (316 SS)	All Sizes	P67 CT SS †	\$450
	Optional Accessories (ProFiller	3800 ONLY)			
Item Description	•		Capsule Sizes	Item #	US\$
Caps Tray For 3800		Anodized	00-4	P8S CT AL [†]	\$380
Purchase an additional Caps Tray		Aluminum*			

[†] Specify Capsule Size when ordering, some accessories are not available for special sizes (000, 5, 00el-2el & AAA-E).



Optional Accessories

Hand-Held or European Style Orienter

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3700 3800

Over-Encapsulation Accessories (ProFiller 3700 / 3800)						
Item Description		Specification Requirements	Item #	\$US		
Tablet Fill Attachment Over-encapsulate round tablets 6.0-7.3 mm diameter and 2.0-3.5 mm height.		None	P3X ATF STD	\$600		
For round tablets outside the size range listed above, order a custom TFA (delivery 4-6 weeks).		Tablet Dimensions & Outer Capsule Size	P3X ATF Custom	\$1300		
Caplet Fill Attachment For caplets or non-round tablets. Engineering drawing of tablet required. Delivery 4-8 weeks.		Caplet Dimensions & Outer Capsule Size	P3X ACF Custom	\$1300		
Orienter for Capsule-in-Capsule Fill capsules inside capsules. Order Orienter for inner capsule size.		Specify Inner Capsule 00-4	P3X ACI [†]	\$720		
To determine what size capsule size you require see our Capsule-In-Capsule size chart www.profiller.com/cicsc	λ	Specify Inner Capsule 1el or 2el	P3X ACI EL †	\$900		
OE Guide Tray All Over Encapsulation Attachments include a guide tray to correctly locate the attachment and guide the test products into the capsule.		n/a	P3X AGT	Included with all OE Attachments		
[†] Specify capsule size.						
3700/3800 Filler Base Options						
		Video: www.profiller.c				
		•	<u>om/lipvideo</u> ₋ow Height No Tam	nor		



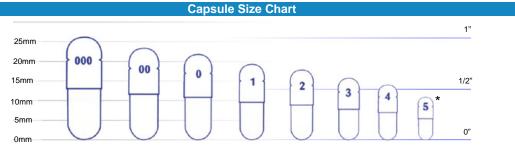
000-00el

	High GMP Model ^a	No Tamper abod	Low Height with Tamper for use with Powder Hoods ^{a b}	Low Height No Tamp for use with Powder	
	Base Frame in Inox (SS316) See page 3 for 3700 See page 4 for 3800	Filler without Tamper. Requires Hand-Held 300-pin Tamper or Vibrator.	Filler with loose Locking Plate & special Handle. Tamper is on rear of Filler.	Filler with loose Lock special Handle & no Requires Hand-Held Tamper or Vibrator.	Tamper.
Item # Suffix	add SS	add NT	add LHWT	add LHNT	
Hand-hel	d 300-pin* Tamper		Capsule Size	Item #	\$US
	ith ProFiller 3700 Lower Height Co tamper (NT and LHNT). Includes s		00-4	P3X T300P ^e	\$410.00

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without handle.

^a Order Vibrator separately.
 ^b Available in High GMP model.
 ^c Deduct \$725 for No Tamper Arm + No Tamper. Tamper arm + Tamper, in one capsule size, can be ordered later for \$825.
 ^d Optional Hand-held 300 pin tamper is available.
 ^e Specify capsule size range: 00, 0-1, 2-3 or 4. *180-pin for Sizes 000-00el



Approximate Locked Capsule Sizes

\$500.00

P3X T180P e

For Use in R&D • Pharmacy Compounding • Nutritional Supplements • Clinical Studies

Frequently Asked Questions

1. What is the output?

ProFiller 3700 and 3800 fill up to 7200 – 9000 capsules per hour for most powders. Our engineers have included features, some patented, that make the ProFillers faster and easier to use. The lower output is for fine powders. The higher output is for coarse free flowing powders. Your results will vary based on powder flow properties, operator speed & technique and use of excipients.

2. What types of capsules can I fill?

ProFillers have been tested with different brands and types of capsules including gelatin, vegetarian/HPMC and starch capsules.

3. What size capsules can I fill?

The 3700 fills sizes 000-5, 00el-2el, and AAA-D. The 3800 fills sizes 00-4. To order Change Parts for the 3700 see page 3 and for 3800 see page 4.

4. Do you have more information on Fill Weight Variation & Achieving Higher Fill Weights?

Fill weights, USP/EP method, within \pm 1-3% of average. When weighed individually (a stricter standard than USP/EP) typically all 300 capsules/batch are within \pm 4-7% of target. For more information visit <u>www.profiller.com/3fw.</u>

5. Can I see the system before I buy?

You can view our online videos at www.profiller.com

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

Yes, you can. See page 8 and then contact us for more information.

7. Can I fill liquids or sticky powders?

Yes, you can fill capsules with sticky powders or non-aqueous liquids. Capsules filled with liquids for stability or clinical trials, if not sealed, will need to be kept vertical to minimize leakage between the cap and body. Capsules filled with non-aqueous liquids for commercial sale require sealing using equipment purchased separately. When filling sticky powders, use of a Vibrator can improve performance by eliminating Tamper pin contact with powder. For more information visit <u>www.profiller.com/vibrators/use</u>.

8. Can the ProFiller be cleaned in an automatic dishwasher or autoclaved?

All powder contact parts are dishwasher safe to 70 °C (160 °F). For more information visit <u>www.profiller.com</u> and download the manual.

9. What are the Materials of Construction?

For more information visit <u>www.profiller.com</u> and download the manual.

10. What are the installation and utility requirements?

See page 6 for the recommended table size and height and information on operating under a powder hood. No utilities (electricity, compressed air or water) are required unless you order the optional Vibrator. The vibrator's electrical specifications are on page 3. If you have different electrical requirements specify them in your order.

11. Is a CE certificate Available?

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

Other ProFiller Products



ProFiller[®] 1100

Hand-held fillers in 100 holes. Up to 3200 capsules/hour. Sizes 000-5 including el size and AAA-D.



ProCoater

Capsule and Caplet Coater. Ideal for Enteric Coating.



ProMixer[™] 750

Powder Mixer/Blender for uniform powder mixtures. choose from 6 different Inox (SS 316) shells for maximum flexibility.



ProFiller[®] 3600

Hand-held filler up to 3600 capsules/hour. Sizes 000-4. Optional vibrator.

ProFunnel

Inox (SS 316) Funnel for precision capsule filling on a balance. All sizes including veterinary sizes.



Veterinary Fillers

Fill veterinary capsule sizes 13-Su07. Hand-held and Bench-top fillers.

