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MADE IN BELGIUM



Presentation suggestion

FETON INTERNATIONAL SRL

DATASHEET TAMPER

200 VARIO

Rue de la Croix du Maieur, 8 - 7110 Strépy-Bracquegnies - Belgium
Tel : +32-2-420 52 00 / contact@feton.com
TVA BE 0674 542 750 / ING BE07-3630665252-66 / BIC : BBRUBEBB



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Congratulations on the acquisition of this high-end device.

You have chosen the VARIO200, tamping accessory designed to optimize the filling of capsules in galenic preparations.

Ideal for pharmacists, pharmaceutical laboratories or manufacturers of food supplements looking for precision thanks to an adjustable knob. (see section 5)

A device that combines the best technical qualities with great comfort of use. We wish you the greatest satisfaction.

1 PRODUCT PRESENTATION

- Tamper 200 pins.
- Adjustable knob.
- 3 models available 000/00 – 0/1/2 – 3/4.
- Anodized aluminum.
- Robust, precise and easy to handle.
- Easy to clean.



2 SAFETY INFORMATION AND DISCLAIMER

All material should be cleaned before every use. (refer to section 6)

Many parts are heavy and might cause injury if mishandled or in case of fall.

Always work on a stable and flat surface, at a height that is comfortable to work while standing. Have sufficient free space around the machine you are working with.

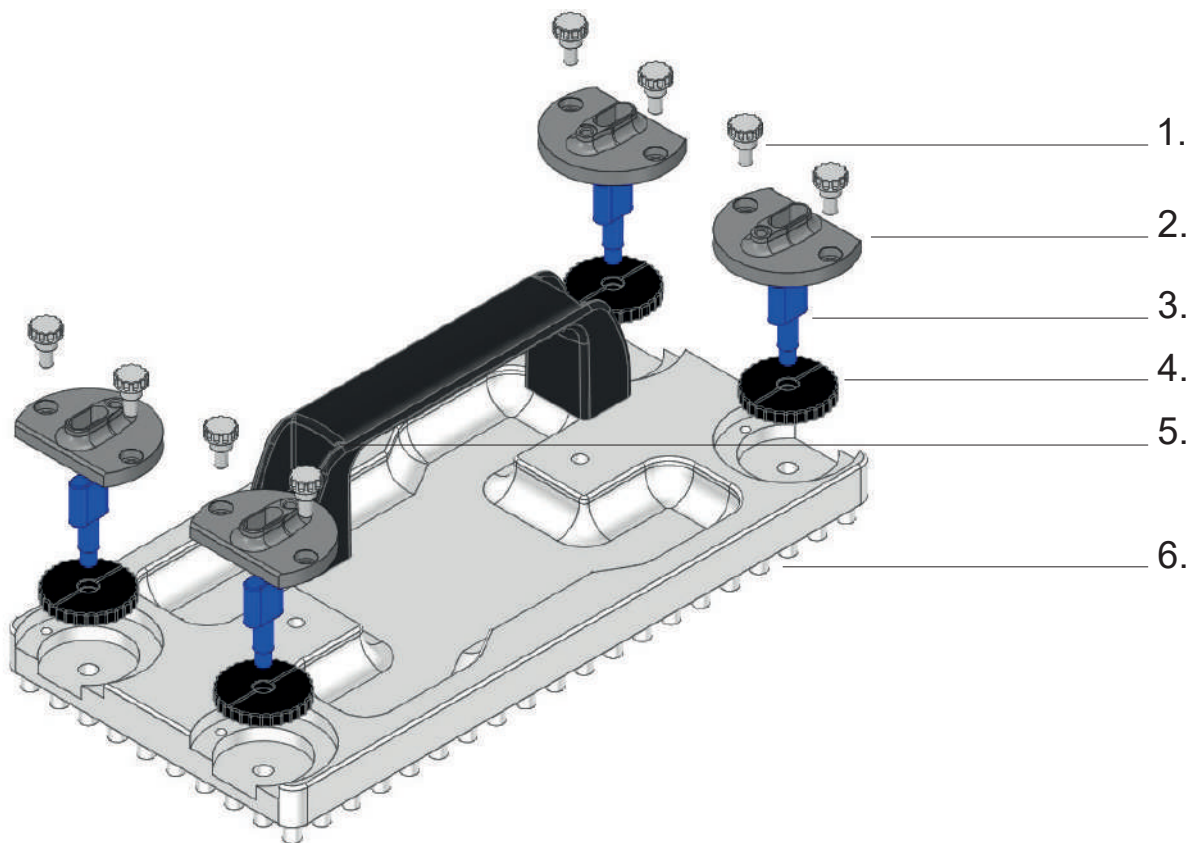
As the filling is manual, results may vary depending on the user. Other factors can influence the results such as but not limited to: type of powder, number of tamps, filling weight, capsule size, vibration type and intensity. It is the responsibility of the user to make sure the prescribed dose is respected. Feton International is not responsible for wrong dosing.

Illustrations, descriptions and specifications are not contractual and are subject to change without prior notice.

Feton International srl declines all liability in the event of improper use of its products.

3 TECHNICAL DATA

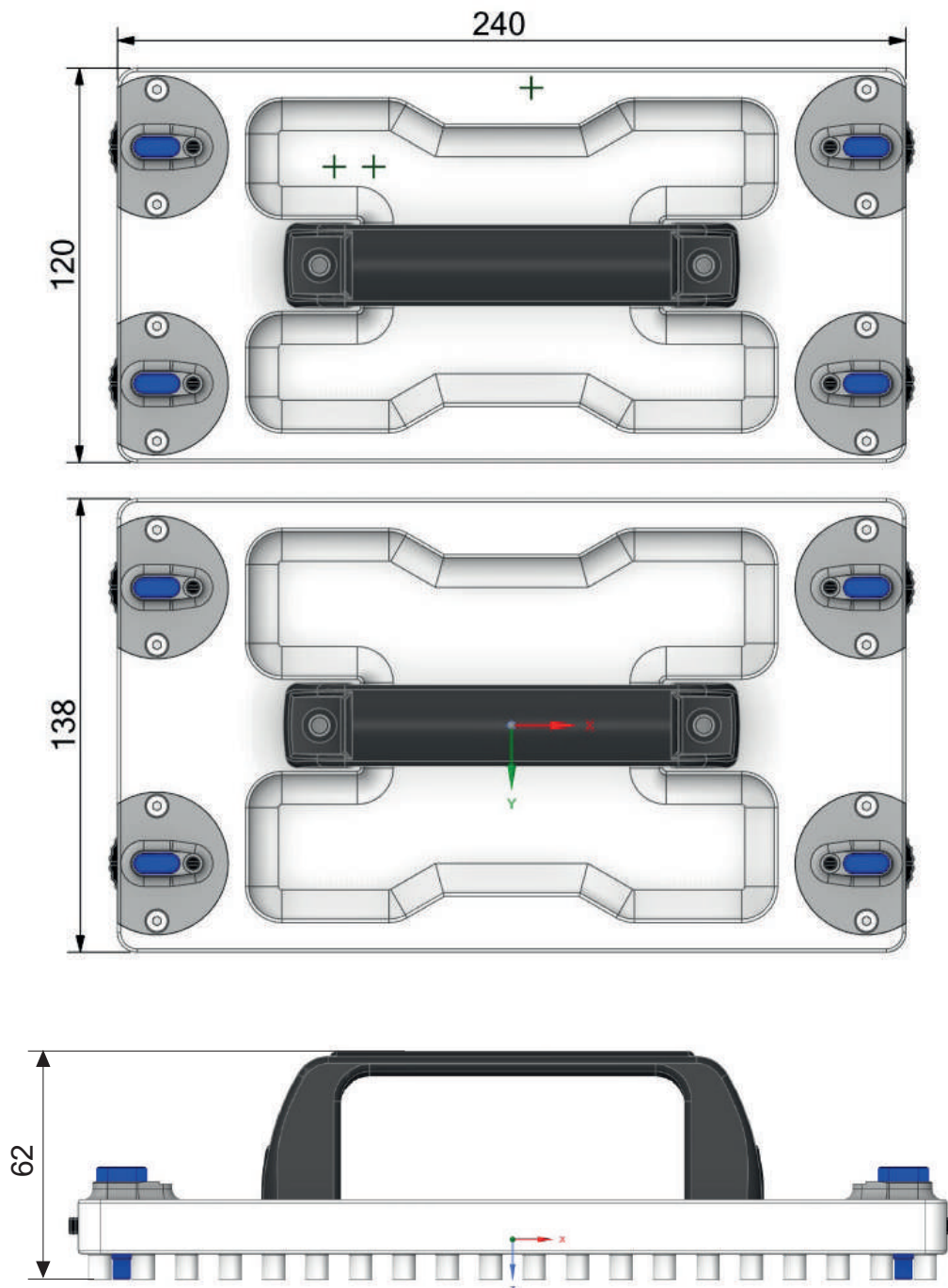
3.1 COMPONENTS LIST AND MATERIALS



Item N°	Quantity	Name	Material
1	x8	Knurled screws	Inox 304
2	x4	Plunger support	Aluminium
3	x4	Plunger	Aluminium
4	x4	Knob	Pom black
5	x1	Handle	ABS
6	x1	Tamper	Aluminium

3.2 DIMENSIONS AND WEIGHT

Number of pins	Available sizes	Weight
200	000/00 – 0/1/2 – 3/4	800 - 1000 gr



4 HOW TO USE

1. Preparation of the capsule filler:

Fill the capsules with the powder, making sure that the masses are evenly distributed in the capsule bodies.

(The tamper does not distribute powder. It does not correct differences in powder quantity between capsule bodies.)

2. Adjust the height of tamping:

Turn the 4 adjustment knobs to set the desired compression depth.

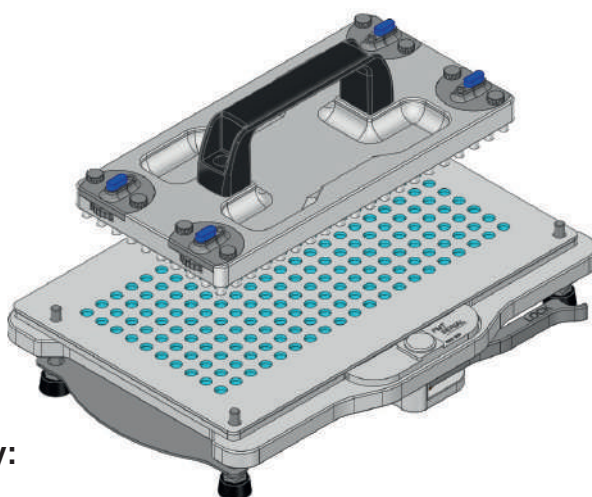
(see tables for guidance in section 5).

The graduation is visible by mm, for a precise adaptation to the volume of powder.

1 clic = 0,5 mm = 1/2 turn of knob (refer to section 5)
2 clics = 1 mm = 1 turn of knob

3. Position the VARIO200 to pack the powder:

Place the VARIO200 on top of the capsule filler, carefully aligning the 200 pins with the capsules. Apply uniform vertical pressure to the VARIO200 until the set stop is reached.



4. Remove the accessory:

Lift the VARIO200 carefully.

If necessary, fill the capsule bodies with powder again and repeat the operation with the Vario200 tamper before closing the capsules.

5. Clean :

Clean the accessory after each use (see section 6).

5 ADJUSTABLE KNOB TABLE

5.1 KNOB EXPLORATION



Between each line = 1mm
Max 4mm deep.

1 clic = 0,5 mm = 1/2 turn of knob
2 clics = 1 mm = 1 turn of knob

5.2 VOLUME TABLES

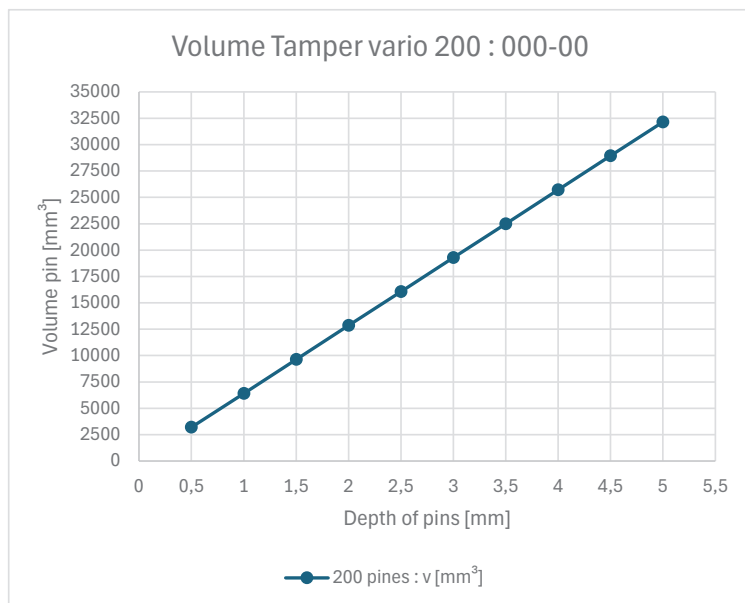
VARIO200 - 000/00

Volume Tamper vario 200

Capsule size : 000-00

Ø = 6,4

Depth pine h [mm]		For one pine v [mm ³]	For the 200 pins v [mm ³]	Volume in cm ³
0,5	▶	15,99	3198	3,198
1	▶	32,07	6414	6,414
1,5	▶	48,16	9632	9,632
2	▶	64,24	12848	12,848
2,5	▶	80,33	16066	16,066
3	▶	96,41	19282	19,282
3,5	▶	112,49	22498	22,498
4	▶	128,58	25716	25,716
4,5	▶	144,66	28932	28,932
5	▶	160,75	32150	32,15



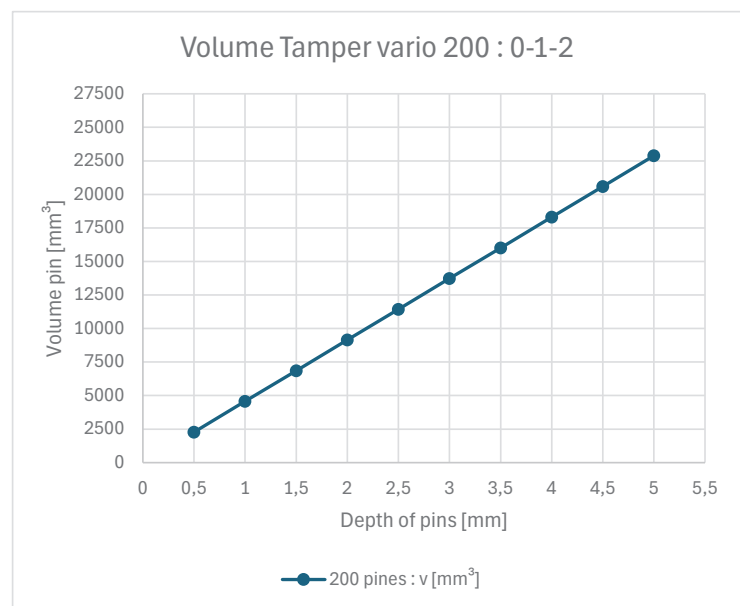
VARIO200 - 0/1/2

Volume Tamper vario 200

Capsule size : 0-1-2

Ø = 5,4

Depth pine h [mm]		For one pine v [mm ³]	For the 200 pins v [mm ³]	Volume in cm ³
0,5	▶	11,37	2274	2,274
1	▶	22,82	4564	4,564
1,5	▶	34,27	6854	6,854
2	▶	45,72	9144	9,144
2,5	▶	57,17	11434	11,434
3	▶	68,62	13724	13,724
3,5	▶	80,07	16014	16,014
4	▶	91,52	18304	18,304
4,5	▶	102,98	20596	20,596
5	▶	114,43	22886	22,886



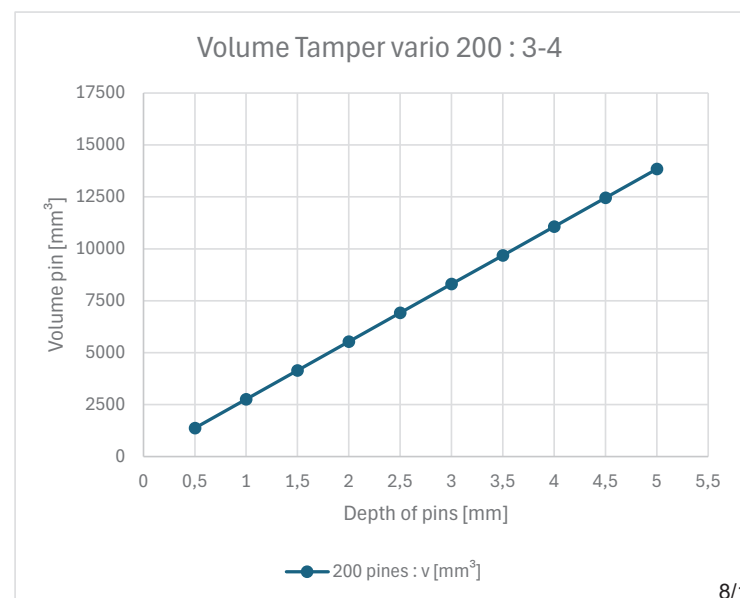
VARIO200 - 3/4

Volume Tamper vario 200

Capsule size : 3-4

Ø = 4,2

Depth pine h [mm]		For one pine v [mm ³]	For the 200 pins v [mm ³]	Volume in cm ³
0,5	▶	6,86	1372	1,372
1	▶	13,79	2758	2,758
1,5	▶	20,72	4144	4,144
2	▶	27,64	5528	5,528
2,5	▶	34,57	6914	6,914
3	▶	41,5	8300	8,3
3,5	▶	48,43	9686	9,686
4	▶	55,35	11070	11,07
4,5	▶	62,28	12456	12,456
5	▶	69,21	13842	13,842



6 HOW TO CLEAN

It is important to carefully clean the parts in contact with the capsules or powder between each use to avoid contamination. Cleaning can be done by hand, in a dishwasher or in an autoclave. If cleaning by hand, use lukewarm water and soap.

Use a maximum temperature of 110°C / 230°F for all metal parts.
(See table in section 3)

Use a maximum temperature of 40°C / 104°F for all plastic parts.
(see component table section 3)

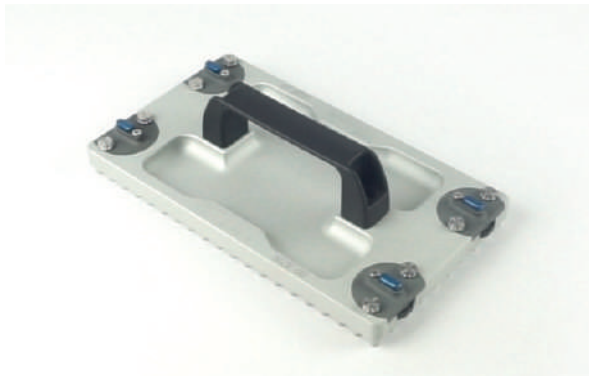
HOW TO CLEAN

6.1 DISASSEMBLY PROCEDURE

To repeat 4x.

- 1)** Place the tamper on a flat, even surface, with the pins pointing down.
- 2)** Remove the two knurled screws.
- 3)** Remove the detachable parts block from the tamper.
- 4)** Remove the plunger support.
- 5)** Unscrew the knob on the plunger.
The plunger will automatically detach from the plunger support.
- 6)** All the parts have now been dismantled.
- 7)** Repeat this procedure for the four corners.

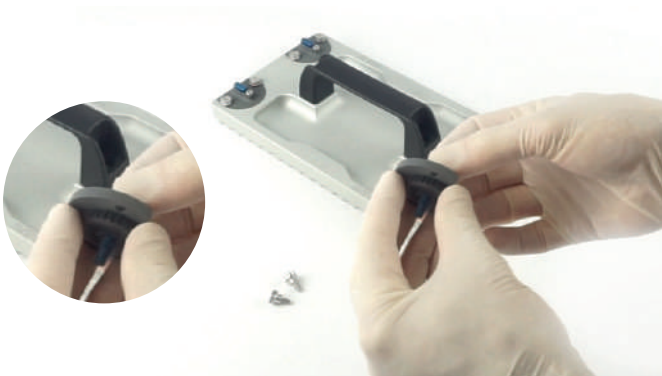
1)



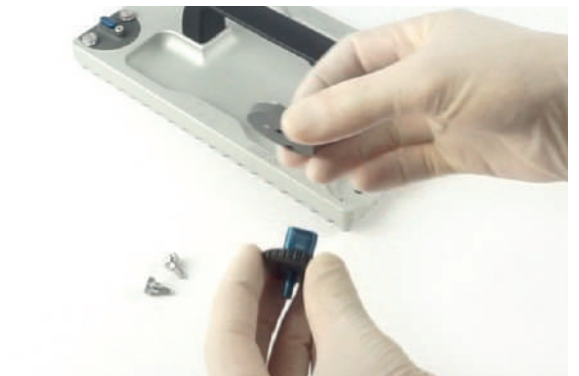
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3)



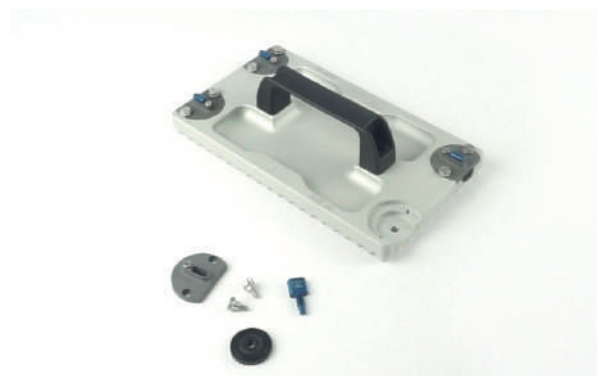
4)



5)



6)



HOW TO CLEAN

6.2 ASSEMBLY PROCEDURE

To repeat 4x.

- 1) Place the tamper on a flat, even surface, with the pins pointing down.
- 2) Tighten the knob on the plunger.
!! The side of the knob with the stripes must face up.
- 3) Insert the plunger + knob into the plunger support.
- 4) Place this assembly on the dedicated zone on the tamper.
- 5) Fix the two knurled screws.
- 6) Repeat this procedure for the four corners.

