

Feton FASTLOCK

Manual Capsule Filling Instrument

The Feton FASTLOCK – Manual Capsule Filling Instrument is a reliable manual capsule filling system for research and development as well as for small batch production. The Feton FASTLOCK – Manual Capsule Filling Instrument is provided with a loader and powder frame, which can simultaneously fill 100, 200, 300 or 400 caps per each single operation.



Feton FASTLOCK Overview

Operating Range

Working with the Feton – Manual Capsule Filling Instrument has been made easy. Four different capacities are available: 100, 200, 300 and 400 capsules per single run. A trained user with a good experience can easily achieve 1200 – 4000 capsules per hour respectively. The smart design of the Feton FASTLOCK – Manual Capsule Filling Instrument is intended to arrange 100, 200, 300 or 400 empty capsules in such a way, as to make them fall automatically in the right direction into the capsule filling unit. Furthermore, operators can easily use the Feton FASTLOCK – Manual Capsule Filling Instrument to open and close 100, 200, 300 or 400 capsules of the same size with just one single move.



Advantages

- » Good solution for R&D, galenic development and small batch production
- » Easy to install & maintain
- » Corrosion resistant, medical & food grade contact parts.

Features

- » Compact and smart
- » GMP compliant

Standard Scope of Supply

The Feton FASTLOCK (part. no. 40-03x00) comes with the following standard scope of supply:

- » Depends on the FASTLOCK set
- » IQ, OQ and user manual

Options

- » Feton FASTLOCK 100 (part. no. 40-03000)
- » Feton FASTLOCK 200 (part. no. 40-03100)
- » Feton FASTLOCK 300 (part. no. 40-03200)
- » Feton FASTLOCK 400 (part. no. 40-03400)

Application Specifications

Parameter	Specification
Operation principle	Manual 4 plate filler, self-capsule-orientation mechanism
Process range	<ul style="list-style-type: none"> » Manual capsule filling system of hard gelatin capsules » R&D, galenic development and small batch production
Feed characteristics	Granules and powders
Range of applications	Pharmaceutical, herbal & alternative medicine, agriculture, chemicals

Average Capacities of Capsules

Capsule Size	Volume [cm ³]	Capacity [mg]			
		For Powder: $\rho = 0.6$ [g/cm ³]	For Powder: $\rho = 0.8$ [g/cm ³]	For Powder: $\rho = 1.0$ [g/cm ³]	For Powder: $\rho = 1.2$ [g/cm ³]
000	1,37	822	1096	1370	1644
00	0,95	570	760	950	1140
0	0,68	408	544	680	816
1	0,50	300	400	500	600
2	0,37	222	296	370	444
3	0,30	180	240	300	360
4	0,21	126	168	210	252

5

0,13

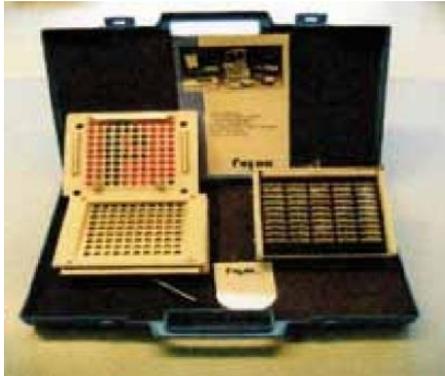
78

104

130

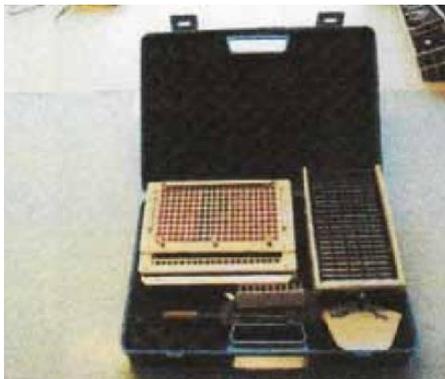
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Technical Specifications Feton FASTLOCK 100



Parameter	Specification
Powder & Caps Feed	Manual
Material	3 plates and filler frame made of stainless steel 316L
Filling Tolerance	± 2%
Production Rate	Up 1500 Capsules/h based on one run per 5 minutes Depends on feed properties, instrument and process parameters
Optional Available Capsule Sizes	00, 0, 1, 2, 3, 4
Optional Sizes	000 with only 90 caps capacity
Kit consisting of	Filler , Loader , Powder frame , 20 pins tamping tool, cleaning brush packed in a blue carrying case

Technical Specifications Feton FASTLOCK 200



Parameter	Specification
Powder & Caps Feed	Manual
Material	3 plates and filler frame made of stainless steel 316L
Filling Tolerance	± 2%
Production Rate	Up 2400 Capsules/h based on one run per 5 minutes Depends on feed properties, instrument and process parameters
Optional Available Capsule Sizes	00, 0, 1, 2, 3, 4
Kit consisting of	Filler , Loader , Powder frame , 20 pins tamping tool, cleaning brush packed in a blue carrying case

Technical Specifications Feton FASTLOCK 300



Parameter	Specification
Powder & Caps Feed	Manual
Material	3 plates and filler frame made of stainless steel 316L
Filling Tolerance	± 2%
Production Rate	Up 4000 Capsules/h based on one run per 5 minutes Depends on feed properties, instrument and process parameters
Optional Available Capsule Sizes	00, 0, 1, 2, 3, 4
Kit consisting of	Filler, loader, powder frame, special metal 30 pins tamping tool, cleaning brush, PVC case

Technical Specifications Feton FASTLOCK 400



Parameter	Specification
Powder & Caps Feed	Manual
Material	3 plates and filler frame made of stainless steel 316L
Filling Tolerance	± 2%
Production Rate	> 4000 Capsules/h based on one run per 5 minutes Depends on feed properties, instrument and process parameters
Optional Available Capsule Sizes	00, 0, 1, 2, 3, 4
Kit consisting of	Filler, Loader, Powder frame, 20 pins tamping tool packed in two blue carrying cases

We reserve the right to make technical changes without any prior notice.