

Weigh filler

for powder, granules and small components

S 700 Series

the best way to weigh



- ▶ simple operation
- ▶ quick change-over
- ▶ easy cleaning
- ▶ gentle product handling by small falling height

With the S 700 series we provide a solution for dosing most types of free flowing products. Our portfolio varies from manually operated single head weigh fillers to fully automatic lines filling over 100 boxes per minute. With different options available we can cover a wide range from 5 mg to 5000 g. At the development phase of the machines, we work closely with our customers which enables us to provide a high level of filling solutions. To meet requirements in accuracy we offer many different weighing load cell systems enabling small tolerance limits to be maintained. Operators like the fact that the machines are simple to handle and easy to clean. Change-overs can be performed quickly and also small batches of different products (tablets, powder) can be filled economically.



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Product ranges:

- powder, granules
- tablets, caplets, soft and hard capsules, globules, sweeteners
- explosive granules and powder
- metal small parts, screws, nuts and dowels
- seeds, spices, herbs
- tea, coffee
- vegetables, salad and mixings
- granola and cereals
- veterinary medicine and animal food

Options:

- Multiple weigh filler for mixtures or higher output
- customized design of construction
- special shapes for vibrated chutes
- rejection of overfilling
- surface coating
- GMP design
- washable
- statistics printer
- synchronisation with conveyor or any kind of packaging machines

Tray width	Volume	Range	Resolution
10 mm, 30 mm	15 ccm, 30ccm	10 g	0,001 g
30 mm	200 ccm	20 g	0,01 g
60 mm	350 ccm	50 g	0,03 g
100 mm	900 ccm	250 g	0,1 g
		up to 500 g	0,2 g
		1300 ccm 1000 g	0,5 g
150 mm	2000 ccm	250 g	0,1 g
		500 g	0,2 g
		1000 g	0,5 g
200 mm	2700 ccm	500 g	0,2 g
250 mm	3000 ccm	2000 g	1,0 g
		1000 g	0,5 g
300 mm	4000 ccm	500 g	0,2 g
		up to 2000 g	1,0 g
		10000 ccm 5000 g	2,0 g

Self-optimising Control:

The S 700 controls the speed of the vibration feeder with a digital adaptive control algorithm. The parameters (flow behavior, falling height and weight) are automatically measured and permanently checked. The vibrated chute is automatically controlled, based on values for nominal weight, tolerance limits and output, speed is optimised and monitored. Control systems shoots for the target weight as mean value, at the lowest possible dispersion within the tolerance limits specified. Therefore gross and fine dosing can be operated with one vibrated chute.

Hygienic design:

With the exception of a few parts, the model S 700 is exclusively manufactured in stainless steel and is easy to clean. Due to the construction all format parts can be removed tool-free and small batches of different products (tablets, powders) can be filled economically.

Statistics:

The S 700 is equipped as standard statistics with counter, mean value and standard deviation, which are shown on the display. Optionally it is possible to send the weigh values to a PC.

Synchronisation:

The machine works with external synchronisation (signal from a packaging machine), with a foot switch or with internal synchronisation (conveyor with automatic filling station for bottles or other containers).



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