

Capsule Checkweigher with high operation speed SPT Series

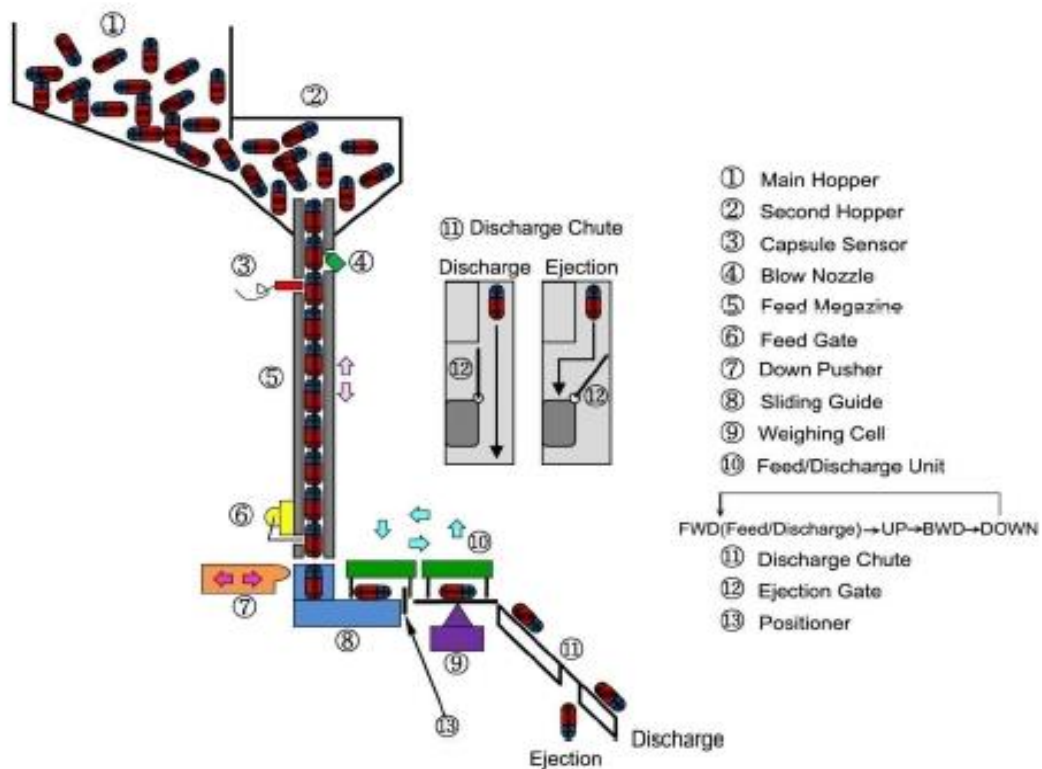


Capsule Checkweighing Machines SPT Series (CAP08060; CAP012090; CAP16120) are designed to control the weight of capsules with high operation speed up to 120 000 capsules per hour.

The machines are conform to GMP standards and CE certificated.

Processing:

- Accuracy of weighing is ensured with precision sorting in high operation speed.



Design features:

Trouble free feeding

- The secondary hopper is equipped with photoelectric sensor for the control of product level and jamming;
- In every feed lane air nozzle is installed and it triggers air injection any time of feeding trouble;
- An fiber optic sensor is installed to monitor capsules flow in magazine;



- A capsule stopper does not allow any capsule to slide off weighing position even in high operation speed.

Accuracy Assurance

- Analytic precision weighing cell, magnetic suspension balance, employed
- Weighing cell is seated higher than weighing pan, resulting in minimized dust influence.
- Empty space is secured below weighing pan, eliminating any chance of dust pileup.



Precise Sorting

- Ejection gate on discharge chute.
- Two collection containers for good and bad capsules.



Simple Size Change-over

- Change over of three parts; magazine, sliding guide and feed /discharge unit;
- Modular design of capsule magazine.

Dust Resistance

- Electric cables are guided in ducts;
- Electric wires are connected with cable glands and round sockets to eliminate any chance dust gets in;
- Minimized dust influence to weighing cells;

Convenient Cleaning

- Electric cables and air lines travel through ducts or moldings. It helps easy cleaning.
- Swing doors on 3 sides allow easy access everywhere in operation section, helping convenient cleaning in 3 directions even in a dusty environment.
- Air cleaning nozzle, controlled via touch screen.
- Auto air injection in weighing area prior to auto tare at the time of start-up.

Technical date

No.	Description		SPT-series		
			CAP08060	CAP012090	CAP16120
1	No of Lane		8	12	16
2	Max.output	cap/h	60 000	90 000	120 000
3	Applicable size		000, 00, 0, 1, 2, 3, 4, 5		
4	Weighing Span		2 mg		
5	Weighing Range	mg	20-2000		
6	Auto Tare Cycle		1 ~ 60 (minutes)		
7	Air Condition		Temperature : 20°C±4°C, Humidity : 50%R.H.±20%R.H.		
8	Contact Parts		Stainless steel, Aluminum hard-coated (FDA-compliance)		
9	Power Requirement		220V - 1PH - 60HZ (Max. 1.5KVA)		
10	Dimension approx. AxBxC	mm	900x850x165	900x850x1650	1100x850x1650
11	Weight approx.	kg	600	750	900

Machine layout

