

SP-L1-S(M) Automatic Vitamin Powder Bottling Machine (By weighing)



This Machine vitamin powder bottling machine is a complete, economical solution to your filling production line requirements. can measuring and filling powder and granular. It consists of the Weighing and Filling Head, an independent motorized chain conveyor mounted on a sturdy, stable frame base, and all necessary accessories to reliably move and position containers for filling, dispense the required amount of product, then quickly move the filled containers away to other equipment in your line (e.g., cappers, labelers, etc.).Based on the feedback sign given by below weight sensor, this machine do measuring and two-filling, and work, etc.

It is suitable for dry powder filling, vitamin powder filling, albumen powder filling, protein powder filling, meal replacement powder filling, kohl filling, glitter powder filling, pepper powder filling, cayenne pepper powder filling, rice powder filling, flour filling, soy milk powder filling, coffee powder filling, medicine powder filling, pharmacy powder filling, additive powder filling, essence powder filling, spice powder filling, seasoning powder filling and etc.

Features

- Stainless steel structure; Quick disconnecting or split hopper could be washed easily without tools.
- Servo motor drive screw.
- Pneumatic platform equip with load cell to handle two speeds filling as per preset weight. Featured with high speed and accuracy weighing system.
- PLC control, touch screen display, easy to operate.

- Two filling modes can be inter-changeable, fill by volume or fill by weight. Fill by volume featured with high speed but low accuracy. Fill by weight featured with high accuracy but low speed.
- Save the parameter of different filling weight for different materials. To save 10 sets at most.
- Replacing the auger parts, it is suitable for material from super thin powder to granule.

Technical Specification

Model	SP-L1-S	SP-L1-M
Dosing mode	Dossing by auger filler	Dual filler filling with online weighing
Filling Weight	1-500g	10 – 5000g
Filling Accuracy	1-10g, $\leq \pm 3-5\%$; 10-100g, $\leq \pm 2\%$; 100-500g, $\leq \pm 1\%$	$\leq 100g, \leq \pm 2\%$; 100-500g, $\leq \pm 1\%$; $\geq 500g, \leq \pm 0.5\%$;
Filling Speed	15-40 bottles/min	15-40 bottles/min
Power Supply	3P AC208-415V 50/60Hz	3P, AC208-415V, 50/60Hz
Total Power	1.07kw	1.52kw
Total Weight	160kg	300kg
Air Supply	0.05cbm/min, 0.6Mpa	0.05cbm/min, 0.6Mpa
Overall Dimension	1180×720×1986mm	1780x910x2142mm
Hopper Volume	25L	50L