

6BS Semi-automatic Electronic Counting Machine (One Discharge Head)



Machine Introduction

This Counting Machine can be applied for counting capsules, soft gels, tablets, chewing gum, round pills, and other solid materials without the need for tooling when changing objects. Its part in contact with material is made of 304 stainless steel, which is full GMP-compliant design.

Working Principle

After the hopper is filled with the product to be counted, bottle or other container is placed at the bottling position manually. Then the product falls into the counting device in an orderly manner through the vibratory plates, and is counted by the photoelectric counting sensor and then loaded into the bottle or other container. Filled bottles are taken away manually, and new empty bottles are put on for filling.

This model SED-6BS1 features a single discharge head. It is equipped with an advanced bottle sensor, which enables the machine to start bottling automatically when detecting bottle placement.

Technical Parameters

Model Name	6BS
Application	♦ Hard capsule(000-5#) ♦ Soft gelatin capsule ♦ Pills (Diameter≤20mm) ♦ Chewing gum, tablet, other solid object (Diameter: 5.5-22mm)
Hopper Volume	11L
Capacity	10-30 bottles/min
Bottle Size	Diameter: 20-100mm Height: 40-180mm
Discharge Head No.	1
Voltage	220V 50HZ Single Phase
Power	0.6KW
Weight	100kg
Overall Dimension (L*W*H)	1090*280*840mm

Configurations

ITEM	BRAND	
Bottle Sensor	SICK, Germany	
Touch Screen	DELTA, Taiwan	
Switch Power	MEANWELL, Taiwan	
Photoelectric Counting System	EVERLIGHT, Taiwan	
Control System	STC, China	

Remark: Configurations can be customized according to customer's demand.

Features

- Strong compatibility: It can counts tablets (including special-shaped tablets), capsules, soft capsules, pills into bottles.
- Vibration discharging: It vibrates and discharges the product evenly and smoothly, without causing damage.
- Anti-dust system: It adopts our company's anti-dust photoelectric sensor technology, and can work stably even under high dust conditions.
- High degree of intelligence: A bottle sensor is provided for “No bottle – No counting” operation.
- The machine comes with touch screen for easy operation.
- There is no need for tooling when user changes the counting object.

Machine Details

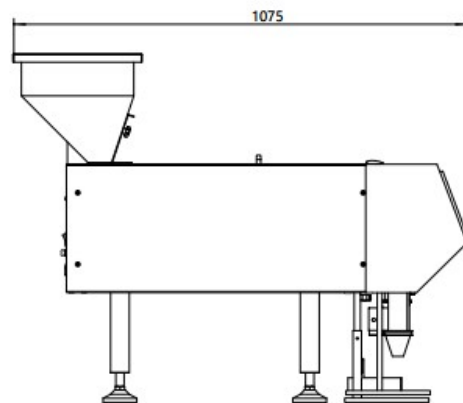
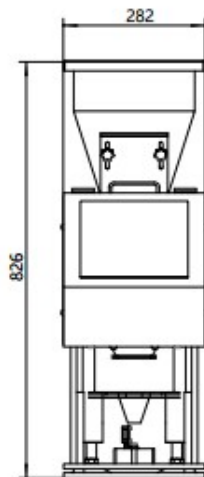


Vibratory Plates



Bottles Detect Photoelectric Sensor

Machine Layout



Remark: The products are continuously upgraded, and the appearance refers to the real object.