

DSL-8

Automatic Counting Machine



**EQUIPMENT
TECHNICAL PARAMETER**

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INTRODUCTION

The empty bottle is placed in the bottling position manually, and the drug enters the drug bin in an orderly manner through the vibration of the feeding corrugated plate. The drug bin is equipped with a counting photoelectric sensor, and the drug falling into the drug bin is quantitatively counted by the photoelectric counting sensor and then loaded into the bottle. Manually filled bottles are removed and new empty bottles are placed to be filled.

PRODUCT FEATURE

1. Strong compatibility, capable of counting and bottling solid formulations or solid particles such as tablets (including irregular tablets), capsules, soft capsules (transparent, opaque), pills, etc;
2. Vibration cutting: Uniform cutting through channel vibration, unique patented flip plate packaging mechanism for cutting, uniform and stable discharge, without damaging drugs;
3. Anti high dust: Adopting our company's unique anti high dust photoelectric sensing technology, it can work stably even under high dust conditions;
4. Accurate counting: The photoelectric sensor automatically counts, and the bottling error is less than the national standard;
5. The special structure of the leakage nozzle can prevent drug blockage, and small bottles can also be quickly bottled (optional);
6. High level of intelligence, with multiple detection and alarm control functions such as no bottles, no counting, and fault self inspection;
7. Functional matching: Automatic detection and automatic shutdown of bottle shortage photoelectric sensor;
8. Simple operation: Adopting intelligent design, various operating parameters can be set according to needs;
9. Convenient maintenance: Operators only need simple training to operate, and disassembly, cleaning, and replacement of components are simple and convenient, without the need for tools;
10. Sealing and dust prevention: Equipped with a dust removal box to reduce dust pollution (optional).

TECHNICAL PARAMETER

MODEL	DSL-8
Applicable Bottle Type	10-500mlCircular and square plastic bottles
Filling Object	00~5 # capsules, soft capsules Φ 5.5 to 12 plain tablets, shaped tablets, sugar coated tablets, Φ 3-12 pills
Production Capacity	20-40 bottles/minute (related to bottle specifications, volume, and drug specifications)
Bottle Capacity Setting Range	1-9999
Power Supply And Power	220V/50HZ 0.6KW
Accuracy	> 99.5%
Air Source	0.6Mpa 3.0L/min
Size	1360×1530×1700mm
Weight	320kg

ELECTRONIC PART LIST

NO.	NAME	FACTORY
1	Electrical Machinery	SUNCARVE
2	Photoelectric Sensor	Sick, Germany
3	Counting Photoelectric System	UK ARV chip, Taiwan optoelectronic component
4	Pneumatic Components	AIRTAC
5	Leakage Protection	CHINT
6	Switch Button	Schneider (France)
7	Control Board	UK ARV chip
8	Interpersonal Interface	Delta(Taiwan)

A dark blue horizontal banner featuring various medical icons in a lighter blue color. The icons include a blister pack of pills, a medicine bottle with a cross, two crossed capsules, a pillbox, two pills, a syringe, and another blister pack.

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