

DSL-16

Automatic Counting Machine



**EQUIPMENT
TECHNICAL PARAMETER**

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DSL-16 Automatic Counting Machine



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.

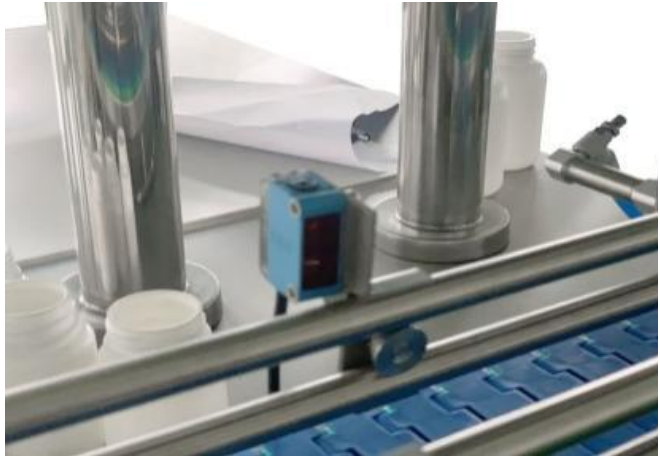
PRODUCT FEATURE

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).

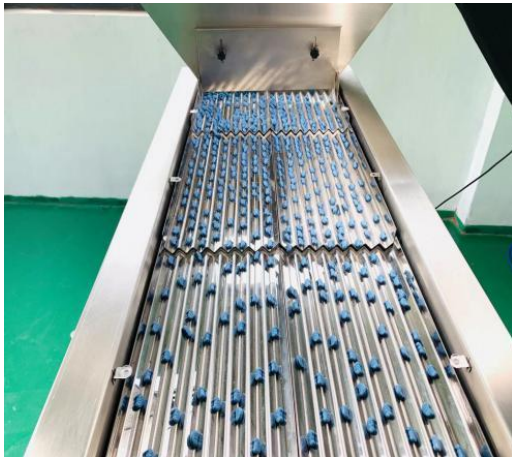
DETAILS



The materials fall into the medicine warehouse in an orderly manner through the counting photoelectric box and enter the medicine bottle



The bottle viewing photoelectric eye will determine whether there are bottles at the feeding port (no bottles will not work)



The material moves in an orderly manner towards the medicine warehouse through the vibration of the corrugated plate



Most of the settings can be completed on the main screen



The conveyor belt speed control switch is used to control the speed and start stop of the conveyor belt

TECHNICAL PARAMETER

MODEL	DSL-16
Applicable Bottle Type	Bottle diameter 20-50mm, height 40-180mm
Filling Object	Φ00~5 # capsules, soft capsules Φ 5.5 to 12 plain tablets, shaped tablets, sugar coated tablets, Φ 3-12 pills
Production Capacity	10-70 bottles/minute (related to bottle specifications, volume, and drug specifications)
Bottle Capacity Setting Range	1-9999
Power Supply And Power	AC220V 50Hz 1.1kw
Accuracy	> 99.5%
Air Source	0.6Mpa 3.8L/min
Size	1560×1530×1700mm
Weight	480KG

ELECTRONIC PART LIST

NO.	NAME	FACTORY
1	Bottle Viewing Optoelectronics	Sikh, Germany
2	Main Control System	China Hongjing
3	Switching Mode Power Supply	Taiwan Mingwei
4	Lifting Motor	Meili/Bonway Motor
5	Counting Photoelectric	Taiwan Yiguang
6	Pneumatic Components	Taiwan Yadeke
7	Conveyor Belt Motor	Meili/Bonway Motor
8	Screen	Taiwan Delta
9	Air Switch	Schneider, France
10	Emergency Stop Switch	Schneider, France

The banner features a dark blue background with several white line-art icons related to medicine and healthcare. These include a blister pack of pills, a medicine bottle with a cross, a pill being split, a pill bottle, two pills, a syringe, and another blister pack.

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