Automatic Electronic Pill Counting Machine CDR-3A With Conveyor

The CDR-3A orbital electronic pill counting machine is equipped with an original orbital feeding structure, which has the superior performance of stability, low noise, and smooth delivery of pills. At the same time, it is made of silicone material to ensure the safety of the contact surface with the material and avoid the shortcomings of tablet damage caused by traditional vibrating discharging.

Introduction

The CDR-3A orbital electronic grain counting machine is an automated equipment with high efficiency, high precision and high reliability. The equipment adopts American ARM chip microelectronic control and Japanese SMC and American MAC high-speed solenoid valves, which has stability and durability. At the same time, the equipment adopts an integrated integrated design circuit, which is easy to maintain, has simple wiring and is easy to use.

Main features:

- Using American ARM chip microelectronic control, it has high efficiency and high precision.
- The pneumatic components adopt Japanese SMC and American MAC high-speed solenoid valves, which are stable and durable.
- The program scan time and I/O response time both reach the nanosecond level, and the interrupt module timing time unit is 0.02ms, which can meet the grain counting speed of 1,300 grains per minute.
- One-piece integrated design circuit, easy maintenance, simple wiring and easy to use.
- Equipped with an original orbital feeding structure, it has the superior performance of stability, low noise, and smooth delivery of medicine particles.

- The silicone material is used to ensure the safety of the contact surface with the material, and avoids the shortcomings of tablet damage caused by traditional vibrating discharging, ensuring the integrity of the measured object and ensuring the accuracy of counting tablets.
- It adopts a self-designed combined photoelectric particle counting device. The main electronic components of the photoelectric are imported from Japan. It has high sensitivity, high response speed, high dust resistance, and stable detection and output signals.
- A small gate slitting device is used. The device adopts an integrated structure design. The accessories use solenoid valves and Japanese SMC cylinders. The cylinders and solenoid valves use unique self-designed connecting blocks to eliminate air leakage and ensure the stability of the equipment to the greatest extent. and reliability.

Specifications

Model	CDR-3A
Production Capacity	1300 capsules/minute (data source is Capsule No. 0)
Grain counting accuracy	99.99%
Quantity per bottle	1-9999 can be set as desired
Applicable pharmaceutical range	Tablet: Maximum φ22mm; Capsule #00-#5
Applicable bottle mouth size	kwφ20~25mm (can be customized according to customer requirements)
Power Specifications	220V AC, 50/60 Hz
Power consumption	0.2KW
Air consumption (m3/h)	0.1
Air pressure (mpa)	0.4
External dimensions (mm) (length × width × height)	845*1372*1648mm