

SED-350D Pharmaceutical Sugar Film Coating Machines With High Efficient



This machine is a special equipment suitable for water phase thin film coating and organic film surface coating for Chinese and western tablets, pills, etc. It is the interchangeable type coating machine that improvement based on the standard coating machine, one machine can achieve different batches of production, widely used in the pharmaceutical, biological scientific research and food industries.

Trait of Film Coating Machine

1. Adopting a new type of microcomputer and temperature module control system, the touch film screen adopts Germany's Siemens, graphic display, easy operation, high efficiency and energy saving, clean and safe, easy to clean, in line with GMP requirements.
2. High-efficiency coating host, high-efficiency filter hot air blower, dust removal exhaust fan, spray device, all parts contacting medicine are made of imported high-quality stainless steel.
3. The entire project is controlled by a programmable system, the control system has application programs, multiple operation modes, drive control and multiple display functions. Programmable, the peristaltic pump is connected to the host PLC, and the flow and speed can be displayed on the touch screen, and the speed and flow can be adjusted by man-machine dialogue through the touch screen. Using frequency conversion speed regulation, it can adjust the lowest position of zero rotation and zero flow, so that the flow control is very accurate, stable, and easy to operate. It eliminates the inconvenience and inaccuracy of remote operation and makes the machine more in line with GMP requirements. switch.
4. The coating process is carried out in a closed state to prevent dust and spray from splashing. The surface of the box body has been polished and treated to eliminate "light pollution".
5. The drive system adopts explosion-proof geared motor and chain sprocket transmission, frequency conversion stepless speed regulation.

6. The high-efficiency filter hot air blower can directly collect the air outdoors. After the primary and secondary filtration and heating, the high-efficiency high-temperature resistant filter (high temperature resistance of 300 degrees) is used for the host. The air purification reaches the level of 100,000 cleanliness requirements, and the dust exhaust fan can be directly used Exhaust air to the outside to avoid affecting the central air conditioning and save energy.
7. The spray gun adopts the WA-101 spray gun imported from Japan, which has good atomization effect, the nozzle is not clogged, the spray volume is adjustable, the spray angle is adjustable, and the structure is simple and easy to clean.
8. The hot air blower and exhaust air blower are equipped with anti-vibration and silencing devices, which can significantly reduce the operating noise of the whole machine, which is beneficial to the health of the operators.
9. The peristaltic pump is the most ideal one at present, which can make the excess coating material flow back to the barrel, reducing the waste of materials.

Main Parameter

Item/model	SED-350D
LoadingCapacity	350kg/ Batch
(kg/batch)	
Drum Revolution	2.0-11rpm
(r/min)	
Main Machine Power	3 KW
Drum diameter	1560mm
Overall size	2000×1660×2270mm
Weight	1650kg