

SED-10GB Intelligent Tablet Pill Film Coating Machine For Pharmaceutical Industry



The SED-10GB Film Coating machine is kind of equipment integrating elegance, high efficiency, energy-saving, safety, easy to clean, which is applied for coating traditional Chinese and Western tablets and pills (including micro-pills, small pills, water-hindered pills, drip pills and granulated pills) with sugar, organic film, water soluble film, slow and controlled release film in the fields of pharmacy, food and biology etc.

Performance and Characteristics

- 1) The drum of the main machine has a closed powerless structure and is equipped with a flow-guiding sheet. Tablets can make easy and smooth rotation without fragment and chipped edge in the drum due to mirror polishing of its wall and flow-guiding sheet, which greatly improves the yield.
- 2) During air intake, three times filtration involving primary filtration, medium filtration and high filtration, can reach 100,000 level purification. During air exhaust, dust abatement can reach 99% by adopting a bag-type dust extractor. Equipped with a vibration damper, the machine is in normal run with noise lower than 75dB, which conforms to environmental protection requirements.
- 3) A specially designed air source exchange system features exchange of hot air and cold air depending on the technological requirements, so to say, the fan blade can be regarded as air inlet or air outlet. An eye pitch explosion-proof lamp is equipped in the drum so as to clearly view all material in run for the convenience of accurate control of technological change.

Product Parameters

Model			BG-10
Max. tablet volume			10Kg / time
Sugar coating drum dia.			F600mm
Feed inlet dia			F260mm
Sugar coating drum speed			2-18 r.p.m
Host machine motor power			0.55kw
Exhaust cabinet motor power			1.1 kw
Exhaust blower air flow			1645 m ³ /h
Hot air cabinet motor power			0.75 kw
Air heater air flow			1070 m ³ /h
Air heater temp.-adjust range			~ 80 °C
Hot air cleanness			100000 level
Peristaltic pump or lobe pump motor power			0.37kw
Silicon rubber hose			F 9~16mm
External dimensions of host machine			900*860*1950 mm
Host machine weight			280kg
External dimensions of hot air cabinet			870x670x670 mm
Hot air cabinet weight			60kg
External dimensions of exhaust cabinet			870x670x670 mm
Exhaust cabinet weight			60kg
External condition	Clean Air	Pressure	³0.4Mpa
		Air consumption.	0.2m ³ /min.
	Water source	Pressure	³0.15Mpa
		Pipe dia	1''
	Steam heating type	Steam	Pressure
			³0.4Mpa
			Air consumption.
			25kg/h
	Power source		3 phase and 5 lines 5 kw
	Electric heating type	Power source	3 phase and 5 lines10 kw