

## ***Tablet / Pill Film Coating Machine For Pharmaceutical SED-10GB***



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-bindered 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 poreless 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 an 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.

Items 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 <sup>3</sup> /h		
Hot air cabinet motor power		0.75 kw		
Air heater air flow		1070 m <sup>3</sup> /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 <sup>3</sup> /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	