

# BG 系列高效包衣机

## BG Series High Efficiency Coating Machine

### ► 用途 (Application)

本机属中西药片、丸剂、微丸、小丸、水丸、滴丸、颗粒制丸等包制糖衣、有机薄膜、水溶薄膜和缓、控释包衣的一种效率高、节能、安全、洁净，符合“GMP”要求的机电一体化设备，广泛应用于制药及食品工业的规模及批量生产。

本机运行过程由可编程序（PLC人机界面）自动控制。

主机及清洗系统与热风柜、排风柜、恒温搅拌桶均采用质量好的不锈钢制造。D型适用于有孔包衣，E型适用于无孔包衣。

The 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. This machine is widely used in large-scale and batch production in the pharmaceutical and food industries.

The machine is equipped with the programmable PLC (machine and person interface), with which its operation process and process parameters such as negative pressure and temperature can be automatically controlled. It is easy to operate, with reasonable and advanced process during run of the machine. Main machine, cleaning system, hot-air cabinet, exhaust cabinet and the thermostatic mixing drum are made of high quality, stainless steel, which conforms to “GMP” requirements. D type is suitable for apertured coating, E type is suitable for imperforate coating.



### ► 特点 (Features)

1. 采风是经过初、中、高三级过滤，达到10万级洁净效果；排风采用布袋除尘装置。
2. 设计特殊的风源交换系统，可根据工艺需要进行冷热互换，即扇形风桨即可以是进风口也可以是出风口。
3. 特殊设计的进口喷枪，操作简单，灵活控制相关工艺要求，雾化均匀，喷涂面积大，敷料在雾化的断面中密度和粒径均匀，可实现流量、角度和扇面调节；具有不滴漏，不堵枪，节约敷料等特点。
4. PLC自动控制负压、风流量、温度等工艺参数，并可按一定顺序运行多种工艺流程，避免人工操作的误差。

1. During air intake, three times filtration involving primary filtration, medium filtration and high filtration, can reach 100,000 level purification. During air exhaust, it adopts a bag-type dust extractor.
2. 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.
3. The specially designed imported spray gun features easy to operate and control relevant technological requirements, uniform density and particle size, uniform atomization and large spray area, practical to adjust flow, angle and sector, economization on dressing, free leakage and blockage. PLC automatic control of such process parameters as negative pressure, air flow and temperature etc, automatic run of various process flow in sequence, instead of manual operation.
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### ► 技术参数 (Technical Parameters)

参数ITEM	型号TYPE	BG-10(D)E	BG-40(D)E	BG-80(D)E	BG-150(D)E	BG-200(D)E	BG-400(D)E
装载量 Load Capacity	kg	10	40	80	150	200	400
滚筒转速 Revolutions	r/min	3.0-19	2.0-18	2.0-16	2.0-14	2.0-14	2.0-12
主机功率 Main Motor	kw	0.55	1.1	1.5	2.2	3	3
主机尺寸 Machine Dimensions	mm	900*700*1400	1100*850*1470	1370*1050*1700	1730*1320*2030	1770*1510*2500	2050*1670*2360
主机重量 Weight of Main Machine	kg	200	500	600	850	1000	1200