

## *Pharmaceutical Film Coating Machine BGB-5F*



The BGB-5F high-efficiency pharmaceutical coating machine is a special piece of lab equipment used for coating film on traditional Chinese and Western medical tablets and pills. This equipment has been manufactured in strict accordance with GMP standards, and the entire outer surface, coating drum (coating pan), spraying device and all parts that come into contact with the medicine are made of high quality stainless steel. The entire process is controlled using a microprocessor-based programmable control system, as well as manual control if needed. This control system features a wide range of applications, running state options, speed and temperature control, negative pressure control, complete display of all control parameters, and the ability to record and print the work state. All coating operations are carried out under air tight conditions that are free from dust emissions and liquid splashing, making the machine high quality, highly efficient, reliable, clean and energy saving, as well as easy to operate. It is also a new variety of coating equipment that meets SOP regulations, and is often used as laboratory equipment.

### **Features:**

1. Integrated design functions
2. One machine with three change drums
3. It is the best model for exploring coating technology in pharmaceutical laboratories.
4. The coating drum can be replaced according to the coating technology batch
5. Replacement of the coating drum is convenient and fast.
6. Control and display the negative pressure in coating pan
7. Display air pressure of the supply air of HEPA filter
8. Control and display the temperature
9. Control and adjustment of the slurry atomization surface
10. Spray gun and atomization program control
11. Gun cleaning and anti-blocking design
12. Memory and printing function designs
13. Impulse and dust removing function designs

## Technical Parameters

Model	BGB-5F
Production capacity (kg/run) bulk density is 1	5
Two/Three drums of one machine kg/batch	1, 3, 5
Speed-adjusting range of film coating drum (rpm)	6-30
Motor power of main machine (kW)	0.37
Temperature-regulating range of hot air (°C)	Normal temperature ~ 80°C
Filtration accuracy of hot air (μm)	0.5 mm (100000 grade)
Motor power of air heater (kW)	0.25
Motor power of exhaust (kW)	0.37
Motor power of peristaltic pump (kW)	0.03
Overall dimension of main machine (L*W*H)(mm)	1310x1000x1675
Weight of main machine(kg)	400