



FZS Series Laboratory Fluid-bed Multi-processor



It is multi-functional FBG which has functions of top spray, bottom spray and side spray. It is widely used in pharmaceutical, chemical and foodstuff industries for mixing, drying, granulating, coating and pelletizing.

FBWS Series Laboratory Fluid-bed Multi-processor includes 1,3,5 and other specifications, which can achieve 0.4-5kg experimental batch requirements;

It is only necessary to replace the material container to configure top spray and bottom spray functions; it can produce materials with a smaller loading capacity by changing the pot;

FBWS Series experimental models are in the same line with the design of pilot and production equipment, which is convenient for users to enlarge the process.

Design Concept

- The whole machine adopts integrated design, fully universal casters, the total height is controlled below 2.3 meters, especially suitable for laboratory and elevator transportation and other laboratory conditions;
- Professional industrial design appearance: from the “diamond” inspiration, multi-faceted structure, strong sense of line;
- Integrated cylinder block design, conducive to material fluidization and settlement, obtain excellent pelleting and drying effect;
- Flip discharging, easy to operate, discharging thoroughly.
- The bottom spray coating pot is equipped with high-speed spray system to improve the coating efficiency;
- In the air filter system, the back blowing function is added to prolong the cleaning interval and service life of the filter cylinder and good maintainability.
- Super-sized industrial operation screen: visual operation interface and running curve

Features

- Follow the regulations of cGMP, PIC/S GMP
- FDA Movable design
- Bag shaking cleaning; filter bag using anti-static fiber cloth
- Inlet air system filtration level is G4+F8+H13, and the outlet air temperature (electric heating) is automatically controlled and adjusted
- Exhaust air system adopts 5um cartridge filter with integrated pulse reverse-blow dust removal
- PID precision control

Parameters

Model	FBWS3
Material chamber volume	8.3L (granulation)
	5.2L(coating)
Capacity	1-3kg (Granulation and Coating)
Compressed air	0.8m3/min(0.4-0.7mpa)
Electric heating power	6kw
Hot air temperature range	room temperature-120°C
Hot air filtration precision	H13
Fan power	4kw
Outline dimensions	1500x1000x2000mm
Weight	1200kg