

FG Series Vertical Fluid Bed Drying Equipment



The machine is main used for drying powder or granules from pharmaceutical, foodstuff, chemical and so on industries.

Features

- Fluid bed to achieve fast heat transmission of medium.
- Seal negative pressure operation, there is no dust.
- Because of using anti-static material as filter, it is safe in operation;
- The equipment has no dead corner so it is easy to clean fully and there is no cross pollution
- It is in conformity with the requirements of GMP.

Parameter

item		spec	3	5	30	60	120	200	300	500	1000
container of raw material	dim.	mm	300	400	700	1000	1200	1400	1600	1800	2200
	volume	L	12	22	100	220	420	670	1000	1500	2500
production capacity	Min.	kg/batch	1.5	4	15	30	80	100	150	250	500
	Max.	kg/batch	4	6	36	72	140	240	360	600	1100
consume of steam		kg/batch	12	23	70	140	211	282	366	465	800
amount of compressed air		m ³ /min	0.3	0.3	0.3	0.6	0.6	0.9	0.9	0.9	1.5
power of fan		kW	2.2	4	5.5	11	18.5	22	30	45	75
temperature		°C	Adjustable from ambient temperature to 120								
collection rate		%	> 99								
time of operation		min	15~30(depends on material)								
content of final product		%	~ 0.2(depends on material)								
noise		dB	≤75								
height of main machine		mm	2100	2300	2500	3000	3300	3800	4000	4800	6200