



SD

Spray Dryer-5L



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Spray Dryer

DSF-5L



Product Overview

- The drying speed is rapid. After centrifugal spraying, the surface area of the liquid is greatly increased, and 95-98% of the water can be evaporated in a moment in the high temperature air flow, and the drying time needs more than ten seconds.
- Parallel flow spray drying is adopted. During the drying process, the temperature of the droplets is not high, and the product quality is good.
- Due to the instantaneous completion of the drying process, the particles of the product can basically maintain a spherical shape similar to liquid droplets, and the product has good dispersibility, fluidity, and solubility.
- Simplified production process and convenient operation control.

Model	DSF-5L
Air inlet temperature control	30~300°C
Air outlet temperature contra	30~140°C
Maximum feed amount	Max. 5000ml/h (adjustable)
Nozzle speed	36000r/h (adjustable)
Feeding mode	Peristaltic pump adjustment
Minimum feed amount	50ml
Average drying time	1.0~1.5S
Draught fan	3kW
Electric Heater Power	9kW
Machine power	13KW /380V
Overall dimension	1600X1200X2000(mm)