



GS

## Glass spray dryer 2L



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# 2L glass spray dryer

DS-2L(glass)



## Product Overview

- Refined nozzle , high efficiency.
- Color LED touch screen
- Fully automatic control
- If you need to adjust the process parameter during the experiment you can easily switch to the manual state
- Equipped with a nozzle cleaner (through needle) when nozzle is blocked it will be cleared automatically, and the frequency of the needle pass ca be adjust automatically.
- The shutdown protection function ensures that the heating part of the equipment will be not burned out due to misoperation (forcibly shutting down the fan).
- The spraying, drying and collection system is made of transparent high-quality borosilicate heat-resistant glass material
- Built-in oil-free air compressor the particle size of the sprayed powder is normally distributed the fluidity is very good, and the noise is very low, less than 60db.
- The atomization structure of the tow-fluid spray is made of high-quality stainless steel with a compact design and no auxiliary equipment required .
- The design of drying temperature control adopts real-time regulation PID constant temperature control technology so the temperature control of the whole temperature zone is accurate heating temperature control  $\pm 1^{\circ}\text{C}$
- The finished dry powder after drying has a relatively uniform particle size , and more than 95%of the dry powder is in the same particle size range.
- For viscous materials, there is the nozzle cleaner ( trough needle ) witch will automatically clear the nozzle when it is blocked. The frequency needle passing can be adjusted automatically.

Model	DS-2L (Glass)
Air intel temperature control	30~300°C
Air outlet temperature control	30~150°C
Electric heater power	3KW AC200V
Evaporation	2000ml/H
Maximum feeding capacity	2000ml/H
Fan power	0.55KW
Maximum air volume	5.6m³/min
Maximum air pressure	1020pa
Air compressor power	0.2 KW
Nozzle diameter	1.00mm
Operating temperature	10~40°C
Dimension	800X650X1300 (mm)
Weight	125 kg