

Mini Spray Dryer

Introduction:

Mini Spray Dryer rapidly dries the liquid into powder by atomizing it and exposing it to hot air. It is compact in size, easy to operate, suitable for handling small batches of samples, and widely used in research and small-scale trials in fields such as food, medicine, and chemicals. It can retain the activity of the materials and has high efficiency, making it an ideal equipment for scientific research and small-scale production.

Features:

- * High-quality nozzles ensure the high precision of the equipment and the maximum service life.
- * Machine buttons, thermometers, air pipes, and touch screens are all ergonomically designed, fast plugging and unplugging, and user-friendly operation.
- * Optional filter bag: High exhaust filtration efficiency, can capture fine dust with particle size larger than 1 micron, and the air purification efficiency can reach more than 99%.
- * The control interface is beautifully displayed, easy to operate, and fully functional.



Technical Parameters:

Model	SD-Mini
Maximum Water Evaporation	2000ml/h
Inlet Air Temperature	30~250°C±1°C
Outlet Air Temperature	30~120°C±1°C
Spray System	0.7mm diameter dual-fluid nozzle
Average Drying Time	1.0~1.5 seconds
Automatic Blocking Device	The frequency of automatic needle penetration is adjustable, 0~60 seconds/time
Display	7-inch color touch screen
Quick Release Design	Thermometer, air line, power supply, all use quick-plug design
Operation Mode	Two operation modes: manual and automatic, which can be switched between each other.
Standard Accessories	Air compressor
Optional Accessories	Magnetic stirrer, weight device, filter bag, special-purpose toolbox, wireless network control module, iPad Air (Dedicated), laptop (Dedicated), 1.2mm large-bore nozzle, 0.4mm small-bore nozzle
Consumption	5KW
Power Supply	AC220V, 50/60Hz(Standard), AC110V, 50/60Hz(Optional, external transformer)
External Size(L*W*H)	620*570*900mm, 510*420*680mm
Net Weight	65kg, 34kg
Packing Size(L*W*H)	750*700*1150mm, 520*520*870mm
Gross Weight	135kg, 40kg