

## *Centrifugal Spray Dryer LPG Series*



Centrifugal spray dryer is suitable for drying emulsion suspending liquid, liquor and so on. Particularly it has unique advantage for drying polymers and resins; dyestuff and pigment; ceramics, glass; derust agent; pesticide; carbohydrate, dairy products; detergent and surfactant; fertilizer, organic compound, inorganic compound and so on.

### **Features**

The dry speed is very quick. When raw material is atomized, the surface area increases greatly. 65~98% of moisture can be vaporized in hot air stream momentary. The dry time to be used is only 5~15 seconds.

Especially, it is suitable for drying thermal sensitive raw materials. The size of finished product is uniform and the flow and solubility are good. The purity and quality of product are good too. The operation is stable and simple. The regulation and control is very convenient. It is easy to realize automatic operation.

Technical Parameters:

Model	LPG5	LPG25	LPG50	LPG100	LPG150
Inlet temperature (°C)	≤350				
Outlet temperature (°C)	80-90				
Evaporation (kg/h)	5	25	50	100	150
Transfer form	Compressed air	Mechanical transmission			
Speed (rpm)	25000	18000	18000	15000	8000-15000
Spray tray diameter (mm)	50	120	120	120	150
Heat source	Electricity	Electricity	Steam + electricity, oil, fuel, hot air furnace	Steam + electricity	Steam + electricity, oil, fuel, hot air furnace
Electric heating power (kw)	9	45	60	81	99
Recovery rate of dry powder (%)	≥95				