

# Industrial Microwave Nutrition Powder Drying Technology

## Introduction Of Microwave Nutrition Powder Drying Machine:

The microwave nutrition powder drying machine is widely used in the food industry, especially for drying milk powder, soybean powder, egg powder, fruit and vegetable powders, and other nutrition powders. The machine ensures the preservation of the nutritional value of the food materials while reducing drying time and energy consumption. Additionally, the use of microwave technology reduces the risk of contamination and ensures uniform drying of the nutrition powder.

Overall, the microwave nutrition powder drying machine is an efficient and effective way to produce high-quality, shelf-stable nutrition powder products.



## Parameter Of Microwave Nutrition Powder Drying Machine:

Equipment Model	LY-100 Industrial Microwave Drying Machine For Nutrition Powder
Rated Input Apparent Power	Customization
Height Of Conveyor	600-1000mm
Inlet And Outlet Height	40-100mm
Width Of Conveyor Belt	750±100mm(Custom-Made)
Microwave Leakage Standard	ISO?5mw/Cm <sup>2</sup>
Operating Frequency	2450±50Hmz
Transmission Speed	0~10m/Min(Adjustable Frequency)

## Feature Of Microwave Nutrition Powder Drying Machine:

- 1. Fast Drying:** One of the most significant advantages of using a microwave nutrition powder drying machine is its speed.
- 2. Uniform Drying:** The microwave technology used in these machines ensures uniform drying, thus preventing over-drying or under-drying of the food materials.
- 3. Preserves Nutrients:** The rapid and efficient drying process of a microwave nutrition powder drying machine helps retain the nutrients in the food.
- 4. Energy Efficient:** Compared to other drying methods, microwave drying uses less energy.
- 5. Easy to Use:** Most models of microwave nutrition powder drying machines are easy to operate and require minimal training.

## Details Display Of Microwave Nutrition Powder Drying Machine?





### Applications Of Microwave Nutrition Powder Drying Machine:

1	Food Industry	Microwave nutrition powder drying machines are widely used in food processing industries to dry various food ingredients, such as fruits, vegetables, and spices.
2	Pharmaceutical Industry	In the pharmaceutical industry, a microwave nutrition powder drying machine can be used to dry drugs and medicinal products.
3	Nutraceuticals	Nutraceuticals are products that combine the benefits of both food and medicine. Microwave nutrition powder drying machines can be used to dry various nutraceutical ingredients to produce

		high-quality, nutritious products.
4	Pet Food Industry	Microwave nutrition powder drying machines can be used in the pet food industry to dry various pet food ingredients, such as meats, grains, and vegetables.
5	Laboratory Applications	Microwave nutrition powder drying machines can also be used in laboratory applications to dry samples for analysis.

### **Advantages Of Loyal Microwave Drying And Sterilisation Equipment:**

1. Adopt Food Grade Stainless Steel, Nice Appearance, Easy To Clean.
2. Microwave Can Penetrate Through The Materials So That The Inside And Outside Are Heated At The Same Time, Short Processing Time, Evenly Drying And Thorough Terilization. No Extra Heat Loss, High Heat Efficiency, Saving Energy.
3. Thermal Effect And Non-Thermal Effect Work Together, Achieving Ideal Sterilization Effect At Low Temperature And Short Time.
4. Adopt Non-Contact Infrared Temperature Measurement Technology, High Precision, Automatic Control.
5. Frequency Adjustable Conveyor Speed, Step-less Adjustable Microwave Power, Instant Heating And Stop, No Thermal Inertia, Convenient Operation.

