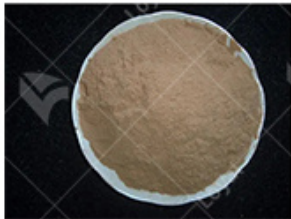


**Industrial Tunnel Microwave  
Walnut Power Drying and  
Sterilizing Machine Powdery  
Material Sterilization  
Machine**



## Introduction

[Industrial Tunnel Microwave Walnut Power Drying and Sterilizing Machine](#) [Powdery Material Sterilization Machine](#) The powdery material sterilization machine is an advanced equipment for sterilizing the powdery material, such as the pharmaceuticals, food ingredients, agrochemicals and so on. It applies the tunnel microwave power drying and sterilizing method to dry the material quickly and effectively. The main features of this machine are: 1) high efficiency and low operation cost; 2) easy to operate; 3) simple structure; 4) stable performance. It is widely used in hospitals, food industries, chemical plants and other industrial fields.

## What is the industrial tunnel microwave walnut power drying and sterilizing machine?

In recent years, with the rapid development of science and technology, there have been a lot of new industrial tunnel microwave walnut power drying and sterilizing machine powdery

material sterilization machines developed. Compared with traditional ovens or microwave ovens, the industrial tunnel microwave walnut power drying and sterilizing machine has certain advantages:

1. The industrial tunnel microwave walnut power drying and sterilizing machine can quickly dry and sterilize a wide variety of powders, including pharmaceuticals, food additives, biopesticides, agrochemicals and other dangerous materials. It is also suitable for high-volume production.

2. The industrial tunnel microwave walnut power drying and sterilizing machine has a very short cycle time; it only takes about 10 minutes to complete the entire process. This makes it feasible to use in tight spaces or on small scales.

3. The industrial tunnel microwave walnut power drying and sterilizing machine is highly efficient; it can achieve high levels of jacketing efficiency (up to 99%) without causing any damage to the powders being treated. This means that it can save a lot of time and money in terms of processing costs.

4. The industrial tunnel microwave walnut power drying and sterilizing machine is easy to operate; all you need is access to an electric outlet and some standard hand tools.

## **How does the industrial tunnel microwave walnut power drying and sterilizing machine work?**

The industrial tunnel microwave walnut power drying and sterilizing machine is specially designed for the powdery material sterilization. It uses high-frequency microwaves to quickly and effectively dry and sterilize various types of powders, pharmaceuticals, foodstuffs, etc. The machine has a large interior width and height of 12 meters, which makes it suitable for large-scale powdered material sterilization.

The industrial tunnel microwave walnut power drying and sterilizing machine works as follows: Firstly, the input material is loaded into the machine through a hopper at one end. Then the machine starts working by heating up the input material to a high temperature in just a few seconds. This quick heat process vaporizes any water droplets on the incoming materials, causing them to be instantly heated up to high temperatures by the microwaves. As a result, all water vapor molecules are removed from the materials, leading to superbly dried and sterilized powders.

The industrial tunnel microwave walnut power drying and sterilizing machine features several safety features that make it ideal for use in commercial settings. First off, there is an automatic overheat protection system that triggers when the temperature rises too high; this ensures that your materials stay safe and intact during processing. Moreover, there is also a digital timer that allows you to track time and batch information conveniently; this helps you keep track of both production efficiency and quality control. Finally, there is also a fail-safe system that prevents damage in case of

## **Advantages of using the industrial tunnel microwave walnut power drying and sterilizing machine for powdery material sterilization?**

The industrial tunnel microwave walnut power drying and sterilizing machine is a high-tech equipment used for powdery material sterilization. It has the advantages of high speed, low noise, small size and easy operation. The machine can be customized according to the needs of the customers.

The industrial tunnel microwave walnut power drying and sterilizing machine is mainly used for sterilization of pharmaceuticals, medical products, foodstuff, animal feed etc.

The powdery material is heated in the tube by microwave energy and then rapidly dried and sterilized. This equipment has good performance in controlling microorganisms and achieve reliable results in sterilization process.