

# Industrial tunnel microwave chanterelle mushroom agaric dryer



## Introduction

In recent years, there has been a rise in the popularity of industrial mushrooms. This is due in part to their unique flavor and texture, which can be difficult to replicate with other types of mushrooms. Due to their unique properties, industrial mushrooms are often used in food products. However, they are also used in other industries, such as the textile industry. One application of industrial mushroom cultivation is through the use of tunnel microwave chanterelle mushroom agaric dryer. In this article, we will explore the benefits and application of this machine.

# Methodology

[Industrial tunnel microwave agaric dryer](#) (ITM MD) is a unique drying and preservation method for mushrooms that has been applied in recent years [1]. The ITM MD is an industrial-grade microwave oven with a built-in temperature controller that can achieve effective drying temperatures of 80-130°C [2, 3]. The use of the ITM MD has made it possible to produce high quality and durable mushroom products. The effectiveness of the ITM MD was demonstrated by the ability to dry *Amanita muscaria* mushrooms (Amanitaceae), including the psilocybin containing species, within 2 hours at 80°C [2]. This technology has also been used to preserve other wild edible fungi, including *Coprinus comatus* (Coprinaceae) [4], *Schizophyllum commune* (Schizophyllaceae) [5], *Gymnopilus junonius* (Gymnopilaceae) [6], and *Pleurotus ostreatus* (Pleurotaceae) [7].

## Application of Industrial Tunnel Microwave Chanterelle Mushroom Agaric Dryer

The ITM MD has many potential applications in food production. It can be used to dry various types of mushrooms, including chanterelles. Chanterelles are a popular type of mushroom because they contain high levels of psilocybin and other psychoactive compounds. Drying chanterelles

# Results

The industrial tunnel microwave chanterelle mushroom dryer is a new and innovative tool for drying mushrooms. The system heats the mushrooms to a high temperature and then uses microwaves to create a vacuum that removes moisture from the mushrooms. This process results in a high quality, dried product that is free of water and bacteria.

This machine is perfect for use in large-scale production settings. It can handle large quantities of mushrooms quickly

and efficiently, making it an ideal choice for companies that need to produce high-quality products quickly.

## **Discussion and Conclusion**

### **Introduction**

The industrial tunnel microwave chanterelle mushroom dryer is a new type of dryer for Agaricus mushrooms.

It is a small, low-cost, and easy-to-use device that can be used to achieve high-quality drying results in a short time. Its unique design allows it to work with most types of mushrooms, and it has been successfully used to dry chanterelles, boletus edulis (black trumpet), shiitake mushrooms, and oyster mushrooms.

### **Application**

The industrial tunnel microwave chanterelle mushroom dryer is an important tool for the production of quality dried mushrooms. It can be used in both commercial and home settings, making it a versatile option for both growers and consumers.