

# How do you get the moisture out of food in the Microwave?

Introdução detalhada :

Microwave ovens are one of the most used kitchen equipment in almost every household and are very useful for drying food quickly. The Microwave Vacuum Dryer Machine has become the best helper for food processing companies to improve their competitiveness in the market.

The Microwave Vacuum Dryer Machine has become the best helper for food processing companies to improve their competitiveness in the market. When using the Microwave Dryer Machine to dry food, moisture in the food can be removed quickly and efficiently.



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Vacuum Drying Equipment mainly uses microwaves to dry food quickly. Microwaves are electromagn

waves with a 1mm to 1m and a corresponding frequency of 300GHz to 300MHz. To prevent microwave interference to radio communications, broadcasting, and radar, the international regulations for microwave heating and microwave drying frequency has four sections, respectively:

|   |  |
|---|--|
| . | L section, the frequency of 890 ~ 940MHz, the center wavelength of 330mm   |
| . | S section, the frequency of 2400 ~ 2500MHz, the center wavelength of 122mm |
| . | C section, the frequency of 5725 ~ 5875MHz, the center wavelength of 52mm  |
| . | K-segment, frequency of 22000-22250MHz, center wavelength 8mm              |

Microwave Vacuum Dryer Machine's Microwave is a high-frequency wave that transforms at a speed billion times per second, causing a high-velocity pendulum movement of water molecules. They rub against each other to generate large heat, quickly drying food materials.

After the food absorbs microwave energy into heat, the food temperature rises. The water contained in the food evaporates, dehydrates, and dries; if the dehydration rate is adequately controlled, the food structure can be loosened and puffed when drying the food. In this process, the heating temperature of the Microwave Vacuum Drying Machine can also be controlled to increase so that the food is baking.

Based on the above principle, Microwave Dryer has many significant advantages, such as fast drying, short drying time, uniform drying, ease to control, high energy efficiency, and sterilization function.

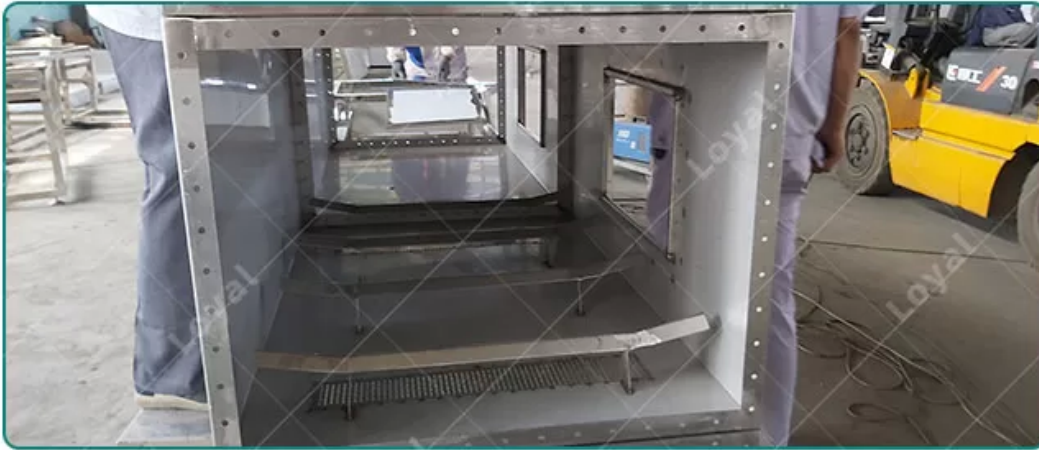
We are a professional manufacturer of Microwave Equipment and can provide Microwave Equipment to other manufacturer with a wide range of Microwave Vacuum Ovens in different sizes.

Specifications of Microwave Vacuum Drying Equipment.

| Technical Data of Industrial Microwave Vacuum Dryer |              |              |              |              |
|---|--------------|--------------|--------------|--------------|
| Model   | 1            | 2            | 3            | 4            |
| Microwave output power                              | 80kw         | 100kw        | 150kw        | 200kw        |
| Output  | 100-200kg/h  | 200-300kg/h  | 300-400kg/h  | 400-500kg/h  |
| Microwave Dryer Machine Price                       | US\$2,000.00 | US\$3,000.00 | US\$4,000.00 | US\$5,000.00 |
| Size  | 1.8*0.9*1.6m | 1.9*1.0*1.7m | 2.0*1.1*1.8m | 2.1*1.2*1.9m |

|  |  |
|--|--|
| Input power  | three-phase five-wire 380V±10% 50Hz±1% |
| Microwave frequency  | 2450MHz±50Hz                           |
| Above is the updated promotional price of Microwave Drying Equipment for 2022; please contact our Microwave Drying professional team for more details. |  |

Our Low-Temperature Drying has an excellent price/performance ratio. It is well known among international Microwave Equipment, and we have manufacturer all over the world in many countries and regions such as Singapore, Canada, India, Turkey, etc.



### 2021 Customer Order Dryer For Food Products Form:

| Dealed Customer Have Plant Of Industrial Microwave Systems |   |
|--|---|
| 1  | New Zealand 1t/h Energy Saving Microwave Drying Of Food             |
| 2  | Pakistan 200-500kg/h No Pollution Industrial Drying Machines        |
| 3  | 800-900kg/h No Noise Industrial Microwave Dryer For Sale In America |
| 4  | France 500kg/h Stepless Speed Adjustment Microwave Drying Machine   |

Dealed Customers Who Repurchase Of Microwave Vacuum Dryer Machine At 2021

|   |  |
|---|--|
| 1 | Italy 300kg/h All-automatic Microwave Drying Technology    |
| 2 | 400kg/h Multi-function Microwave Dryer Machine In Japan    |
| 3 | 2-3t/h Industry Microwave Wood Drying Machine In Australia |
| 4 | Egypt 400-500kg/h High Efficiency Vacuum Drying Equipment  |

In addition, many Microwave Equipment manufacturer have cooperated with us, and our Microwave Machine has been highly evaluated. It has become a very popular Microwave Equipment in the international market.

The main reason for the popularity of our Microwave Drying Machine is not only the fast-drying efficiency, also the fact that the dried food retains its nutrients and flavor, which is no different from fresh food and does not cause any harm to the human body, which improves the quality of food processing. Thus it is trending among the consumers and further increases the sales of Food Processing companies.

Microwave Dryer Machine can be used in the fields of agricultural and sideline products, food, medicine, chemical, powder, non-ferrous metals, etc.:

food products: such as soybean products, flowers, edible mushrooms, mixed grains, dried fruits, snacks, additives, puffed products, etc.; powder: such as tungsten ore, silicon carbide, silicon materials, silicon rods, diamond, etc.;

medicine: such as pharmaceutical intermediates, Chinese medicine tablets, pills, powders, etc.

Pharmaceuticals: such as pharmaceutical intermediates, Chinese medicine tablets, pills, powders, etc.

Chemicals: such as inorganic salts, catalysts, rubber additives, etc.

If you want to expand your market in Microwave Industry further, please get in touch with us, and we will provide you with a detailed market plan!

When you buy our Microwave Vacuum Dryer Machine, we will follow up this order for a long time; we will send our professional engineers to your area to guide the installation and use, and also provide you with professional microwave technology so that your processing production can be more smoothly, our customers and manufacturer have given us very high praise, we are also delighted to We are pleased to be able to help you. As a manufacturer of Microwave Equipment with a long-term development plan, we pay great attention to the needs of Microwave Equipment manufacturer. We strive to provide the most cost-effective Microwave Vacuum Dryer Machine. Now we have also We have accumulated a wealth of experience.

We have advanced production equipment and an excellent technical team, is the international scale, the technical strength of the Manufacturer of Microwave Equipment. The manufacturer of Microwave Equipment has won the praise of Microwave Equipment manufacturer by creating high-quality, high reputation Microwave Vacuum Dryer and perfect after-sales service with modern management mode.

If you have any questions about Microwave Vacuum Dryer Machine, please feel free to consult us. We believe that our cooperation will let you harvest a broader market, and we sincerely invite you to our factory.

field trip; we look forward to your arrival!