

## Flower dryer

Why are microwave flower equipment so popular in the market? We would like to list some reasons here. And, for these reasons, you'll find that flower drying equipment is definitely worth the investment.

### Features of flower dryer:

1. The flower drying equipment is evenly heated and dried. The quality is good and the price is reasonable.
2. As a professional flower drying equipment manufacturer, our Leader can customize flower dryer for you.
3. Long service time and convenient maintenance.
4. High efficiency and labor saving.
5. Our equipment is easy to control, and has advanced technology, it is out-of-the-box, flexible and convenient to operate.
6. No waste water, no waste gas and environmental protection. It is a safe and harmless high-tech.

As one of the professional microwave equipment manufacturers, we can provide you with different types, different power of flower dryer. Microwave flower dryer has competitive price and first-class quality.

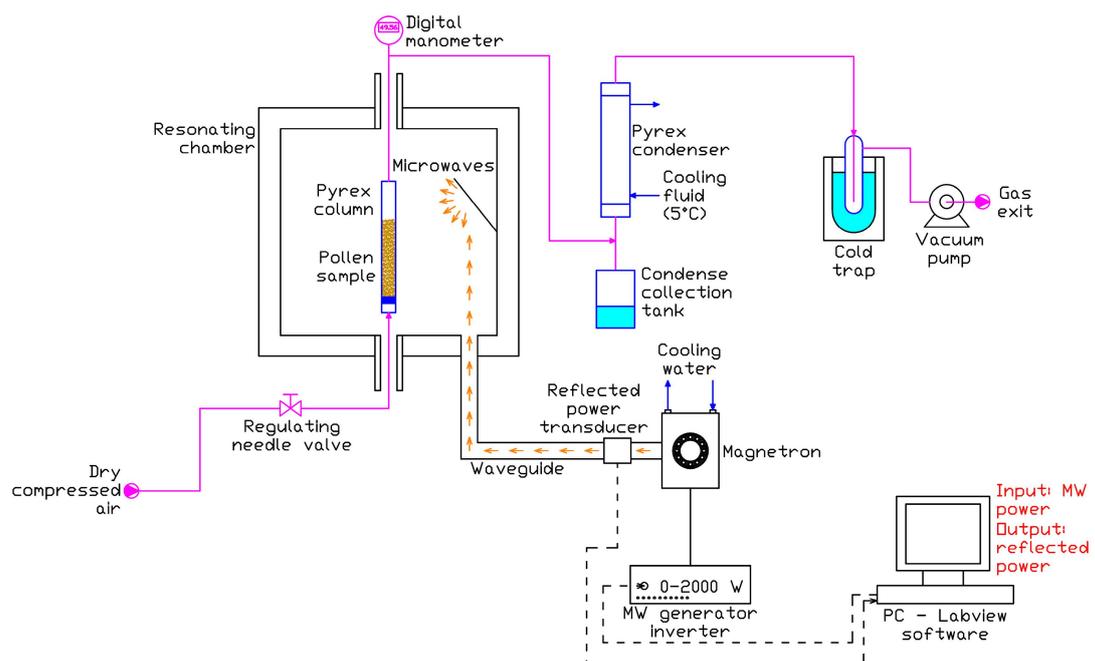
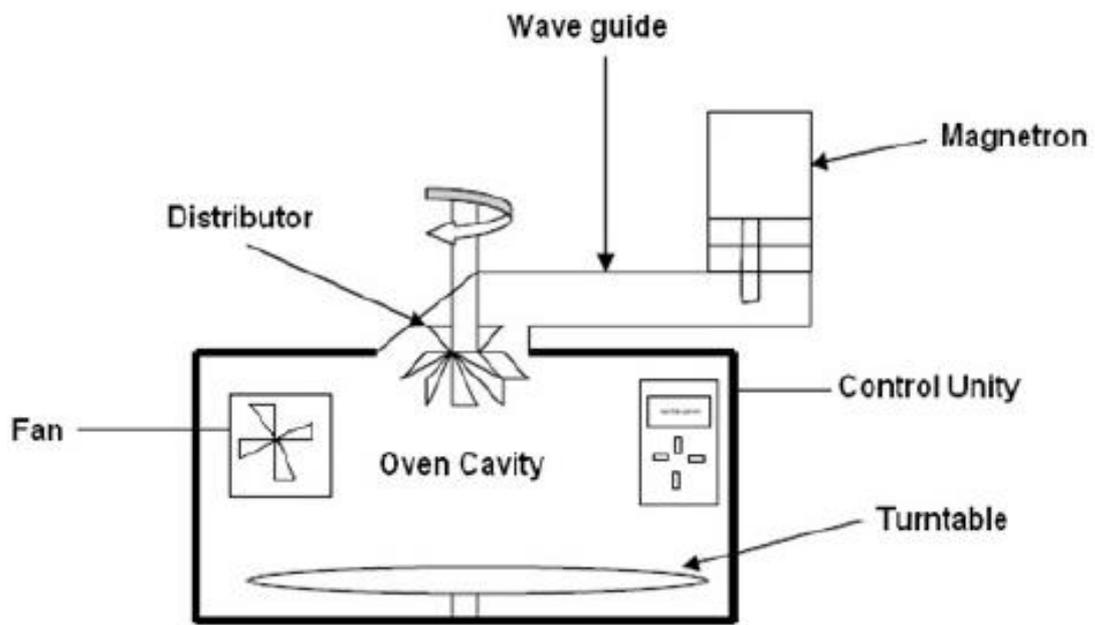
**Of course, we can customize flower drying equipment according to your requirements. If you are interested in our machine, please get the price of free flower drying machine from below:**

			
12kw Flower dryer	30kw Flower dryer	50kw Flower dryer	Can be customized higher power flower dryer

### Product specification:

Model	DL-12 KW	DL-30KW	DL-50KW	DL-80KW
Microwave frequency	2450/915MHz	2450/915MHz	2450/915MHz	2450/915MHz

Output power	12KW	30KW	50KW	80KW
Transmission speed	0-5m /minutes (adjustable)	0-5m /minutes (adjustable)	0-5m /minutes (adjustable)	0-5m /minutes (adjustable)
Leakage value	$\leq 3\text{mw/Cubic metre}$	$\leq 3\text{mw/Cubic metre}$	$\leq 3\text{mw/Cubic metre}$	$\leq 3\text{mw/Cubic metre}$
Size	7000x840 x1800mm	10500x840 x1800mm	12500x1200 x1800mm	15000x1400 x1800mm
Drying capacity	120-150kg/hour	300-400kg/hour	500-600kg/hour	800-1000kg/hour

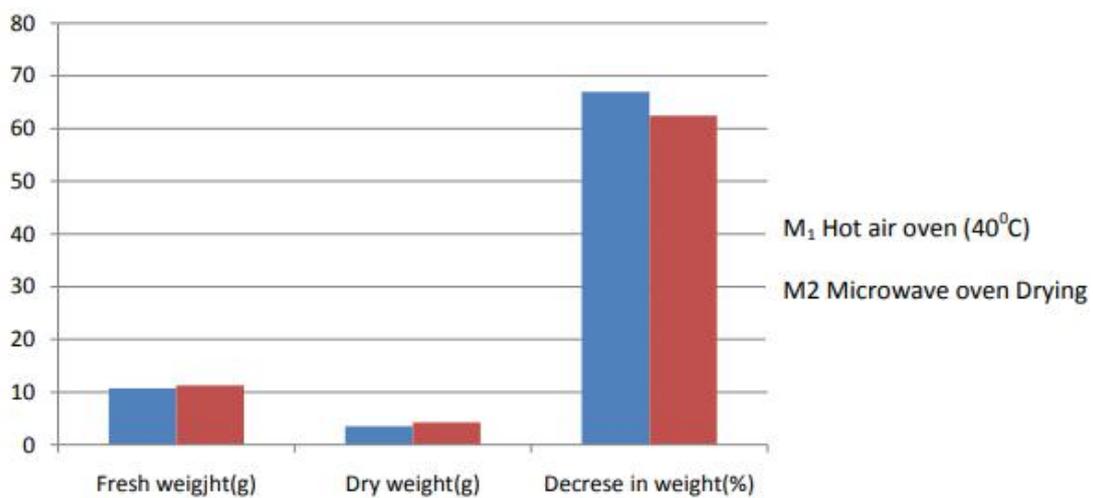


Medicinal and aromatic plants are mainly preserved by air drying. Dried products can be stored for a long time and can be easily blended, powdered or packed for direct use or for further processing in the food or pharmaceutical industry.

However, drying is an energy consuming operation, especially in case of herbs where the thermal energy consumption might reach 12 kWh/kg of dried herb and up to 20 kWh/kg of dried and cleaned final product. Air drying becomes inefficient in the medium and low moisture ranges when heat has to be conducted inside the product and moisture has to diffuse outward through dry layers to the surface.

Microwaves heat the volume of product selectively where unbound or slightly bound water is located. Microwave energy speeds up drying by generating internal pressure, thus keeping capillaries open and promoting the movement of water and steam to the surface. Therefore, microwave energy, applied at the right moment and in the right quantity, can boost drying and save thermal energy. Thus, smaller dryer sizes and lower specific thermal energy demand can be achieved.

**Effect drying methods on dry weight and decrease in weight:**



Over the years, our equipment has been sold worldwide. Many loyal customers test for you, you can buy it without worry. Before and after the purchase, we will provide you with a variety of free consulting services, we also can tailor the plant design for you according to equipment and site conditions. If you visit, we will have professional technical service staff to answer your questions. If you have the intention to understand, please feel free to contact us!