

Microwave wood drying machine

What are the advantages of microwave wood dry machinery?

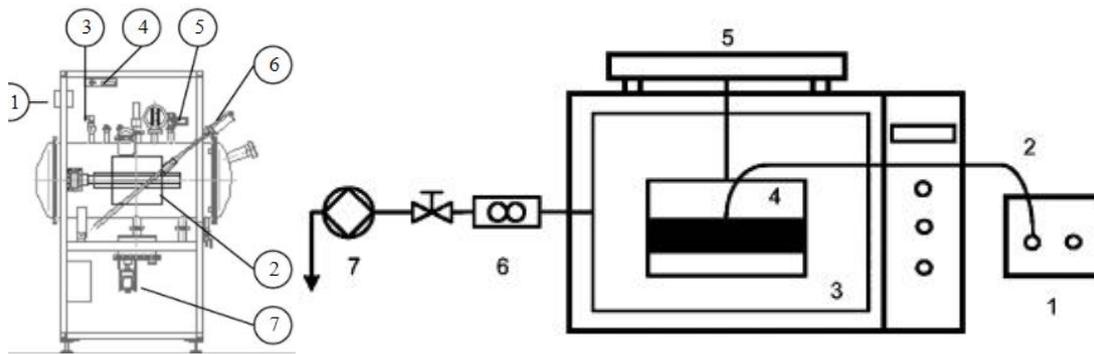
1. Microwave drying equipment is uniformly heated and dried. The quality is good and the price is reasonable.
- 2, as the professional microwave drying equipment manufacturer, we **Leader Microwave Equipment** can customize microwave wood drying Equipment for you.
3. Long service time and convenient maintenance.
4. High efficiency and labor saving.
5. Easy to control, advanced technology, out of the box, flexible and convenient operation.
6. No waste water, no waste gas, environmental protection.It is a safe and harmless high-tech.

Product Specification:

Name	Microwave wood drying equipment
Microwave frequency	915 ± 25MHz
Microwave power	Above 10kw-200kw (continuously adjustable)
transfer speed	0.1~3m/min (frequency control)
Microwave leakage	≤5mw/cm2(GB5959.6-87)
The quantity of drying	0.5-1.0T/ h
Hourly capacity	5-7 ton
External dimension of the equipment	long × width × height 8000×5000×2300 (mm) (customizable)
control mode	touch screen 、 PLC control

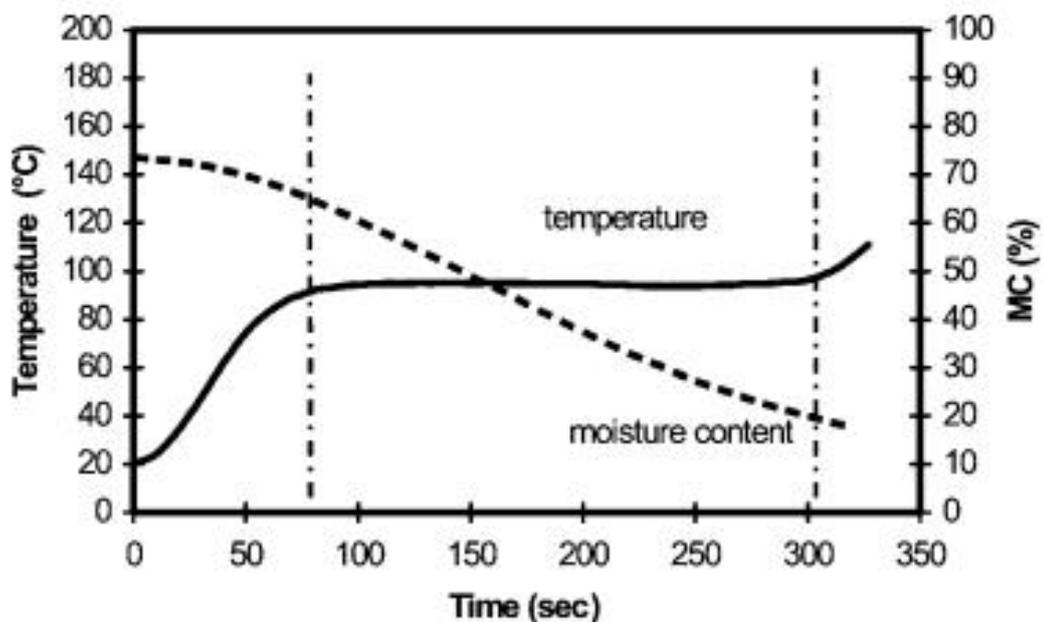
As one of the professional microwave equipment manufacturers, we can provide you with different types of different power, of course, we can customize microwave wood drying equipment according to your requirements. If you are interested in our machine, please leave us a message.

			
12kw microwave wood drying equipment	30kw microwave wood drying equipment	50kw microwave wood drying equipment	customized microwave wood drying equipment



Typical temperature and MC changes during microwave drying (power input $\frac{1}{4}$ 687W and drying mass $\frac{1}{4}$ 100 g).

Microwave Drying of Wood Strands



Microwave power input and the mass of drying materials in the microwave oven were found to have a dominant effect on the drying quality.

The typical curve of temperature change during the microwave drying of strands indicates that there were normally three distinct periods: warm-up, water evaporation, and heating-up. Water evaporated faster during the early drying process when the MC was high. Water then evaporated at a decreasing rate when the MC was decreasing. During the heating-up period when the strand's MC was low, some of the microwave energy was used to heat up the strands.

Due to its unique heating mechanism, the microwave drying method could provide faster strand drying, low VOC emission, and more energy efficiency when compared with the convective drying method. The microwave drying technique could save energy consumption up

to 50% in drying thin wood strands.

In order to ensure the quality and safety of use, our company chooses the accessories of international and domestic famous brands both in the equipment and the whole component configuration 。 For this reason, we are one of the best [microwave drying equipment](#) manufacturers in the world. We are sure that you will be satisfied with our high quality products. If you need more detailed information, please feel free to [contact us!](#)