

HD Series Microwave Vacuum Dryer



This machine is suitable for low temperature drying of thermo-sensitive Chinese solid preparations. Concentration equipment is characterized by high speed of drying, the improvement of the product, high efficiency, uniform heating, control easily and convenient installation, etc.

Applications

It is widely used for drying, heating, sterilizing, ripped of medicine, biology product and farming byproduct, it has special excellent efficient for several kinds of pellet, granule drying. Likewise, this microwave vacuum dryer is with sterilizing function and has features of adjustable power, intelligentsia control, adjustable temperature.

Features

- High efficient: It enhances fourfold efficiency than the common dry technology.
- Heating uniformity: It is heating to material inner and exterior at same time by microwave, temperature difference between material inner and exterior is very small inconsistencies within and outside the heating; instead, it advances drying quality.
- Control easily: It is easy to realize manufacture continuously and automatically, as microwave power can be adjusted quickly and no inertia, the instant control is easy to get and be convenient to set and confirm the technique parameters, also it's good to use in capacity production.
- Small volume with this machine: monitor is inside the machine so as to inspect whole process.
- Good quality: product quality is enhanced more by this machine.
- Furthermore, microwave equipment has other function of sterilizing, so its product is safety, sanitation, and with long period of good quality. Also to dehydrated foliage machining, it is enhanced more for technique capability, economic benefit and product quality by this machine.

Parameter

item \ spec	HD-06R	HD-10R	HD-15R	HD-24F	HD-48F
microwave power (kW)	6	10	15	24	48
microwave frequency (MHz)	2450±15				
area for material (m ²)	1	1.5	2	4	8
steamed capability (kg/h)	6-9	10-13	15-20	24-30	40-60
rotating speed (r/min)	0 ~ 5				
vacuum degree (MPa)	≥0.095				
microwave leakage (mw/c)	<5 Complied with international standard				
overall dimensions (m)	1500×1800×2100	1600×1800×2100	1850×2400×2200	3100×2700×2000	3100×2700×2200