

Continuous Microwave Vacuum Dryer

This continuous dryer combines microwave and low-temperature vacuum technology for efficient drying. It is designed for materials needing gentle drying, such as food and beverage products, using microwave energy under vacuum to remove moisture at lower temperatures.



Product Overview

Continuous Microwave Vacuum Dryer (Model WZL-900)

The WZL-900 is a specialized belt microwave vacuum drying machine designed for high-viscosity, heat-sensitive materials such as traditional dipping creams, food products, and chemical compounds. By combining microwave energy with low-temperature vacuum technology, it enables rapid, continuous drying while preserving product quality and preventing oxidation. The system features advanced PLC and touchscreen controls for precise management of temperature and pressure, ensuring stable, intelligent operation.

Technical Specifications

Microwave Frequency	2450 MHz
Total Output Power	40 kW
Microwave Output Power	20 kW
Drying Temperature Range	3–120°C (Adjustable)

Performance & Capacity

Output Capacity	3–20 kg/h (Depends on material)
Water Supply Quantity	0.5 cube/h

Electrical & Environmental

Power Supply	Three phases five wires, 380v+5%/-10%, 50Hz
Operating Environment Temperature	-5 to 40°C

Physical Dimensions

External Dimensions	6600mm x 1680mm x 2500mm
---------------------	--------------------------

Key Features

System Features

- Continuous drying process
- PLC and touchscreen control
- Precise temperature and pressure regulation
- Auto feed-in and feed-out transmission
- Low energy consumption
- Suitable for heat-sensitive materials