

Microwave Freeze Drying for Food/Pharma/Chemical/Medical & Ceramics

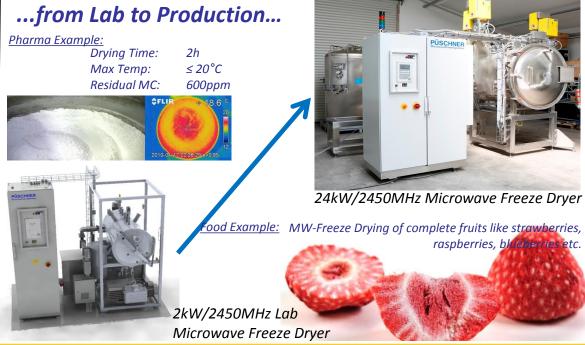
Application:

Ultrafast Microwave Freeze Dryers dry temperature sensitive products

Particular Advantages for Products:

- Cut down drying time from days into hours (*saves energy, saves costs, saves space*).
- Due to 3D heating sublimation is not only limited to layer-drying like in conventional freeze-drying.
 Sublimation is taking place throughout the volume, therefore, better *textures* and *structures* can be maintained.
- Combined processes in solid and liquid state with ultrafast heat transfer enable to generate *new products*.

Scale your application easily from lab to production





PÜSCHNER Microwaves offers Microwave Freeze Dryers from 1 to 30kW Microwave Power in Batch and semi-continuous operation.