



MICROWAVE SPICES DRYER

48⁺ Years
Of experience



In Association with SVCH-Technologii, Moscow (Russia)
ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018

ABOUT US

KERONE is now renowned for serving the specialized needs of customers with the best quality and economical process of application engineering solutions and industrial heating products manufactured in a high-quality environment by a trained and qualified workforce (special purpose machinery)



KERONE is a pioneer in application and implementation engineering with its vast experience and team of professionals.



KERONE is devoted to serve the industry to optimize its operations both economically and environmentally with its specialized process engineering solutions.



KERONE is having immense expertise in manufacturing and implementing various types of engineering solutions.



KERONE is possessing employee strength of more than 280+ experts continuously putting efforts for happy industrial engineering solutions



48+ Years Manufacturing Excellence



Great Sale Support



Highly Customized Product



Adherence to Standards



Sound Infrastructure



Team of experts Delivering Quality



Timely Delivery



Cost Effective Solutions

WHY CHOOSE US

"Choose Kerone for innovative solutions tailored to your unique product needs, ensuring efficiency, reliability, and unmatched quality."

With decades of expertise, cutting-edge technology, and a customer-centric approach, Kerone Engineering offers tailor-made Applications Engineering solutions that prioritize quality, flexibility, and cost-effectiveness. Benefit from our commitment to excellence, post-sales support, and innovative solutions for your unique Applications Engineering needs. Choose Kerone Engineering for reliability, performance, and unmatched value.

MISSION



To enhance the value of customer operation through our customer need centric engineering solution.



We are committed to providing our customers with unique and best-in-class products in the industrial thermal processing segments. Through strategic tie-ups for technical know-how with renowned leaders in industry-specific segments, we ensure that our offerings meet the highest standards of quality and innovation.

VISION



Turn into a world leader in providing specialized, top-notch quality and ecological industrial heating, cooling, and drying solutions across the globe.



To attain global recognition as the best of quality and environment-friendly engineering solution company.



Enhance the value of customer operation through our customer need centric engineering solution.



TRUSTED PARTNERS





Microwave Spices Dryer

Microwave Spices Dryer machine is a revolutionary appliance designed to expedite the drying process of various spices using microwave technology. This innovative equipment utilizes electromagnetic waves to generate heat directly within the spices, significantly reducing drying time compared to traditional methods.

The machine features precise temperature and humidity controls, ensuring optimal conditions for preserving the flavor and aromatic qualities of the spices. Its compact design makes it suitable for both commercial spice processing facilities. The efficiency of the Microwave Spices Dryer not only accelerates the drying process but also helps maintain the integrity of the spices, resulting in a higher quality end product.

You can defrost, sterilize, cure, and dry anything using a microwave dryer. The material's color and nutritional value don't alter. The drying process is quick, automated, and continuous. Polar molecules make up the substance in the water molecules' heating medium.

This microwave field can be converted into thermal energy within the medium, raising the material's temperature and causing a number of physical and chemical reactions that will ultimately lead to the desired outcome of microwave heating and drying. It is a rapidly changing high frequency magnetic field, and its polarity orientation will change as the external electric field changes.

The microwave generator produces the microwave when the apparatus is operating. By conveyor, the materials are brought into the heating chamber. At this point, the microwave energy acts to evaporate the moisture and bacteria within the substance in order to fulfill the goals of unfreeze sterilization, ripening, fixing, and drying.

Features

- Product Temperature Indicator with controller
- Belt Speed Control
- Microwave power control
- Emergency Switch
- Multi magnetron system for uniform Heating
- Energy Efficient & Environment friendly
- Instant Start up - shut down hence no wastage of Time & Energy
- Modular Design - In Future expansion you just have to add module in place of total new system.

Advantages

- With this new & Green Technology we can have product with original natural taste, aroma & Flavor since its low temperature drying process.
- Reduce Process time
- Preservation of Fuel Quality
- You can have commercial sterilization effect means your product Shelf life will increase with Electromagnetic technology compared to conventional drying process
- We are having controls for the Product Temperature, Power adjustment & Belt speed. Infrared - Microwave Spice Drying System is an environment friendly Process since no boiler is used. Safe, clean, hygienic and protects environment. Improved workplace environment - no radiated heat-loss
- Continuous type Electromagnetic Spice Drying system is a modular type design. Modular design is done for redundancy & easier transportation. For Future Expansion, you just need to add few Modules instead of Total new system.

Technical Specification

Model	Size(mm)	Power	Dehydration rate	Temperature Control
KESL-10	6300*665*1800	10KW	10kg/h	0-400°C
KESL-15	6300*950*1800	15 KW	15kg/h	0-400°C
KESL-30	8500*1500*1800	30 KW	30kg/h	0-400°C
KESL-50	10500*2000*1800	50 KW	50kg/h	0-400°C
KESL-60	10500*2000*1800	60 KW	60kg/h	0-400°C
KESL-80	12500*2000*1800	80 KW	80kg/h	0-400°C
KESL-100	14500*2000*1800	100 KW	100kg/h	0-400°C
KESL-120	16500*2000*1800	120 KW	120kg/h	0-400°C
KESL-150	20000*2000*1800	150 KW	150kg/h	0-400°C
KESL-160	20000*2000*1800	160 KW	160kg/h	0-400°C
KESL-180	22000*2000*1800	180 KW	180kg/h	0-400°C
KESL-200	23400*2000*1800	200 KW	200kg/h	0-400°C

Can be customized according to user requirements.



THANK YOU

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