



MICROWAVE PYROLYSIS ROTARY FURNACE OVEN

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 Pyrolysis Rotary Furnace Oven

Introducing our Microwave Pyrolysis Rotary Furnace Oven, a groundbreaking solution that seamlessly blends the precision of a rotating furnace with the efficiency of microwave technology. This cutting-edge oven revolutionizes thermal processing by effectively converting organic materials into valuable biochar, syngas, and bio-oil through microwave pyrolysis.

The innovative rotating design ensures optimal material exposure and process consistency, guaranteeing uniform heating throughout. Prioritizing sustainability, our oven is equipped with robust controls and customizable settings, making it adaptable to a diverse range of production needs. Experience unparalleled thermal processing innovation that not only increases profitability but also enhances efficiency and sustainability. Embrace the future of operations with our innovative solution, setting new standards for efficient and eco-friendly production processes.

Features

- 100°C is the operating temperature.
- Slider used to force material into tube.
- A fixed, outer jacket housing that is gas-tight and reflects microwave radiation to contain it.
- A microwave-transparent inner rotational tube that is gas-tight and used to transfer the items.

- Connections for adding and taking away process gases, such as inert gases
- A motor with an adjustable speed drives the rotating tube with a 3° slant.

Advantages

- Increased Efficiency
- Energy Savings
- Precise Temperature Control
- Uniform Heating
- Reduced Emissions
- Controlled Atmosphere Operation
- Automation and Control Systems
- Reduced Maintenance Requirements
- Compact Design

Application

- Aluminum electrical scrap tainted with organic material.
- Plastics reinforced with fiberglass
- Chemical Production
- A motor with an adjustable speed drives the rotating tube with a 3° slant.
- Connections for adding and taking away process gases, such as inert gases
- Environmental Remediation
- Energy Production

OUR CLIENTS









THANK YOU

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