



ROTARY RETORT FURNACE

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.

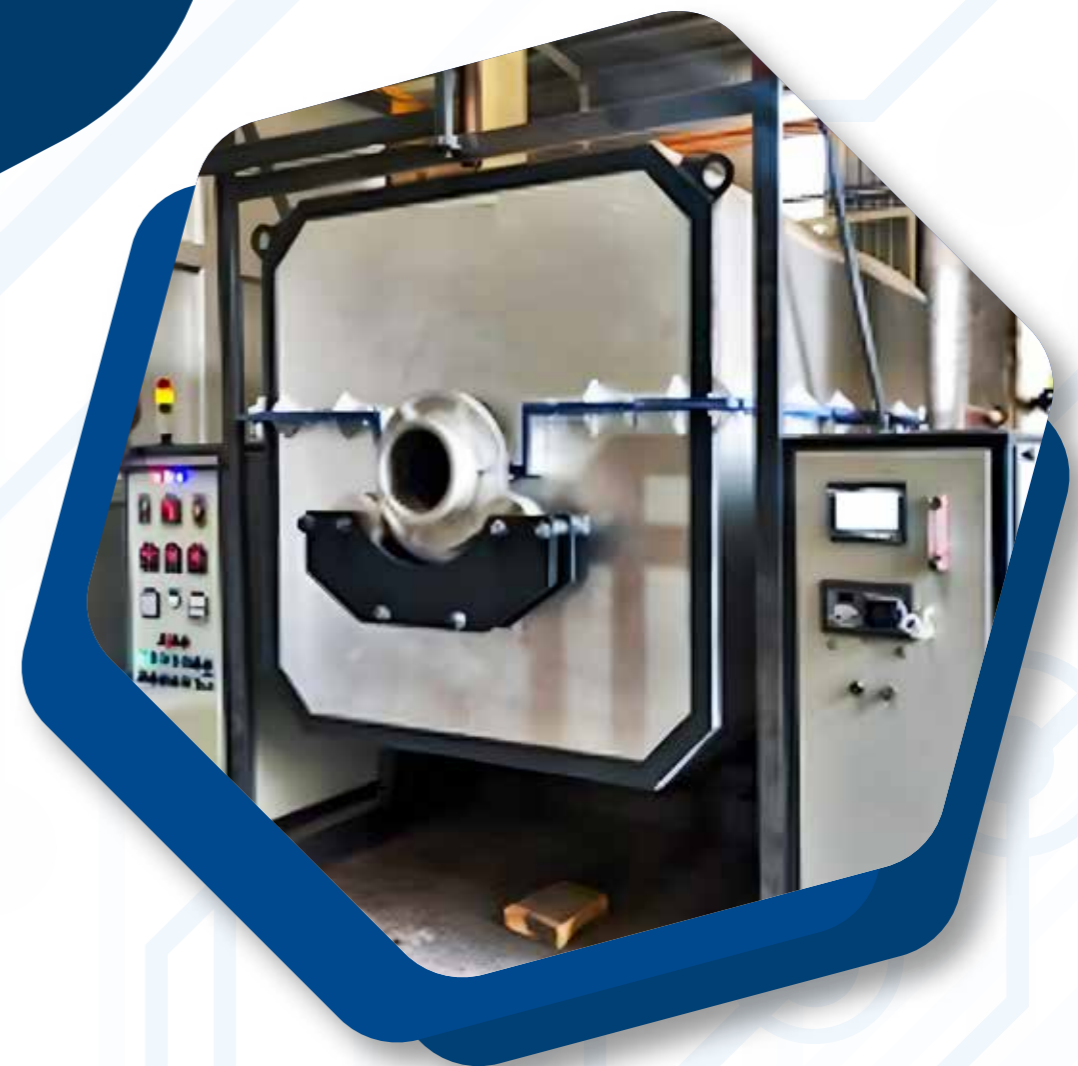


Enhance the value of customer operation through our customer need centric engineering solution.



TRUSTED PARTNERS





Rotary Retort Furnace

The Rotary Retort Furnace epitomizes innovation in industrial thermal processing, offering unparalleled efficiency and adaptability across various manufacturing sectors. Its spinning cylindrical retort design ensures even heating, guaranteeing reliable outcomes in critical processes such as sintering, calcination, and pyrolysis. With the ability to continuously heat raw materials in rotating retorts, the furnace achieves remarkable versatility, particularly in controlled environment operations up to 500°C. Challenges associated with conventional rotary retort designs are mitigated, making it a preferred choice for industries reliant on precise thermal treatments.

Industries spanning metallurgy, materials processing, and chemical manufacturing heavily rely on the Rotary Retort Furnace for its customizable temperature specifications and consistent processing outcomes. While its effectiveness makes it indispensable in industrial settings, its operation requires specialized expertise and strict safety adherence due to involvement with high temperatures and potentially hazardous materials. From producing carbonaceous materials like charcoal to processing metals, minerals, and chemicals, the Rotary Retort Furnace emerges as a cornerstone in modern industrial processes, embodying efficiency, accuracy, and versatility.

Features

- Innovative spinning cylindrical retort design.
- Ensures even heating for reliable outcomes.
- Capable of continuous heating of raw materials.
- Suitable for controlled environment operations up to 500°C.
- Prevents jams and tangled clumps in materials.
- Customizable temperature and residence time specifications.
- Widely used in metallurgy, materials processing, and chemical manufacturing.
- Requires specialized expertise for operation and maintenance.

Advantages

- No special pit or foundation
- Low maintenance – maintenance is limited
- Automation – heat treating is completely automatic after loading raw materials into hopper.
- Flexibility – small or large production runs can be handled alternately or continuously; close control of furnace operation is easily obtained.
- Uniform loading – a specially designed vibratory hopper and weight-actuated skip loader deposit precisely measured charges into the furnace.

Application

- Sintering processes for materials like ceramics and metals.
- Calcination of minerals and ores for chemical processing.
- Controlled environment operations up to 500°C.
- Efficient heat transmission due to rotational motion.
- Suitable for processing sensitive or delicate materials.
- Used in metallurgy, materials processing, and chemical manufacturing.
- Pyrolysis of organic materials for energy production or waste management.

Technical specifications

Material loading capacity	100–200 kg
Power source	Electric
Input voltage	220 V
Temperature accuracy	Up to 950°C
Tube diameter	80–250 mm
Heated length	250–1200 mm
Atmospheres	Inert, oxidizing, reducing, and vacuum

OUR CLIENTS









THANK YOU

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