



BATCH TYPE CALCINER

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





Batch Type Calciner

The Batch Type Calciner stands as a cornerstone in industrial processes, particularly within metallurgy and chemical engineering realms. This specialized equipment employs controlled heating and chemical reactions to thermally process materials in batches, transforming raw resources into refined products. Operating in a cyclical manner, it ensures precise temperature control, facilitating optimal material transformation with minimal energy consumption and environmental impact. Its adaptability extends across a broad spectrum of materials, ranging from ores and minerals to organic molecules, offering industries a versatile means to refine and process resources.

Modern advancements in temperature control and monitoring technologies enhance its capability to consistently and uniformly treat materials, thereby maximizing product quality. Renowned for its robust construction and sophisticated features, the Batch Type Calciner emerges as a dependable and environmentally friendly solution for material transformation needs. Whether utilized for specialized applications across various industries or for clinker production within the cement sector, it epitomizes modern technology, reliability, and efficiency in thermal processing. In sectors like metallurgy, ceramics, and cement, this innovative calcination technique remains indispensable, precisely thermally treating raw materials to high temperatures to attain desired physical and chemical properties.

Features

- Controlled batch processing for precise material treatment.
- Utilizes regulated heating, often through electric heaters or burners.
- Flexible design to accommodate various industrial needs.
- Constructed with high-grade steel and quality raw materials.
- Cyclical operation ensures consistent product quality.
- Accurate temperature control for optimal material transformation.
- Environmentally responsible operation with minimal energy consumption.
- Modern technology enables efficient and reliable thermal processing.

Advantages

- High-grade materials ensure durability and reliability.
- Consistent and uniform product quality.
- Modular architecture allows flexibility in production processes.
- Customizable design to meet specific industrial requirements.
- Versatile applications including calcination, drying, and roasting.
- Controlled heating ensures uniform treatment of materials.
- Energy-efficient designs with insulation and heat recovery systems.

Application

- Metallurgical processing, including calcination and roasting.
- Pharmaceutical production for precise temperature control.
- Glass industry for melting and refining.
- Ceramic manufacturing for drying and firing.
- Food processing for drying and sterilization.
- Environmental remediation via thermal desorption.
- Chemical industry applications for reactions and drying.

Technical specifications

Heating method	Electric heater (external heat type)
Number of heaters	6 zones
Heating temperature	900 deg C
Processing capacity	100L / batch (reference guideline)
Retort size	φ700×2,600L (effective)
Retort material	SUS310S, Ni alloy, other various metals (according to needs)
Atmosphere	Atmosphere (including decarbonated air), oxygen, nitrogen, argon, etc.

OUR CLIENTS









THANK YOU

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