



48⁺ Years
Of experience

REACTORS



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





Reactors

Industrial reactors stand as essential components in chemical, petrochemical, and pharmaceutical processes, where they facilitate crucial reactions to produce various products. These reactors serve as controlled environments where chemical transformations occur, utilizing factors like temperature, pressure, and catalysts to drive reactions efficiently. With diverse types such as batch, continuous, and fluidized bed reactors, industries rely on these versatile vessels for their role in manufacturing a wide range of chemicals, fuels, polymers, and pharmaceuticals, showcasing their paramount importance in modern industrial processes.

Type of Reactors

- Batch reactor
- Catalytic reactor
- Semi-batch reactor
- PFR (Plug Flow Reactor)
- CSTR (Continuous Stirred-Tank Reactor)

Features

- Provides a controlled setting for chemical reactions.
- Enables precise control of reaction temperatures.
- Variable mixer speed

- Maintains optimal pressure conditions for reactions.
- Facilitates reactions using catalysts for efficiency.
- Used in chemical, petrochemical, and pharmaceutical industries.
- Enhances reaction efficiency and product yield in industrial processes.

Advantages

- Allows precise regulation of reaction parameters.
- Improves reaction kinetics and product yields.
- Accommodates various types of chemical reactions.
- Scales up production processes for higher output.
- Incorporates safety features to prevent accidents.
- Optimizes resource utilization and reduces waste.
- Supports sustainable practices in industrial operations

Application

- Fermentation of beverage products
- Waste water treatment
- Agriculture
- Industrial processing
- Food Processing
- Gasoline production
- Oil cracking

Technical specifications

Volume	2 to 50,000 liters nominal capacity
Material	Stainless steel 316L, 316Ti,
Surface finish	< 0.4 μm , Mechanical and/or Electro-chemical
Pressure	Atmospheric / Pressure less / -1/10 bar (g)
Temperature	-20 °C to 200 °C
Vessel Design	Single, double and triple wall design, heatable, insulated

Can be customized according to user requirements.

OUR CLIENTS









THANK YOU

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