



48⁺ Years
Of experience

MICROWAVE CHEMICAL VAPOUR DEPOSITION SYSTEM



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 Chemical Vapour Deposition System

Our state-of-the-art Microwave Chemical Vapor Deposition (MCVD) System utilizes cutting-edge microwave technology to precisely deposit thin films and coatings, offering exceptional uniformity and reproducibility. With its user-friendly interface and intuitive controls, it simplifies operation while delivering outstanding results in materials science, microelectronics, optics, and surface engineering.

By employing microwave energy to activate and direct chemical reactions, this system enables the deposition of various substances with unmatched precision, including semiconductors and dielectrics. Its innovative monitoring and control capabilities push the boundaries of material synthesis and nanotechnology applications, fostering innovation and advancement across scientific and technological domains. Whether for industry development or academic research, our MCVD System offers unmatched performance, versatility, and reliability, driving forward the synthesis of advanced materials and diamond production.

Features

- Microwave Plasma Source
- Vacuum Chamber
- Gas Delivery System
- Substrate Holder

- Temperature Control System
- RF Power Supply
- Pressure Control System
- Process Monitoring and Control

Advantages

- High-purity diamond
- High growth rate
- Non-contamination
- Precise doping control
- Excellent process stability & repeatability
- High reliability
- Wide-range process control

Application

- Optical Fiber Manufacturing
- Photovoltaics
- Catalyst Deposition
- Surface Engineering and Coatings
- Biomedical Applications
- Sensor Technology
- Research and Development
- Microelectronics and Semiconductor Industry

OUR CLIENTS









THANK YOU

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