

**48<sup>+</sup> Years**  
*Of experience*

# MICROWAVE AIR JET PLASMA



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.

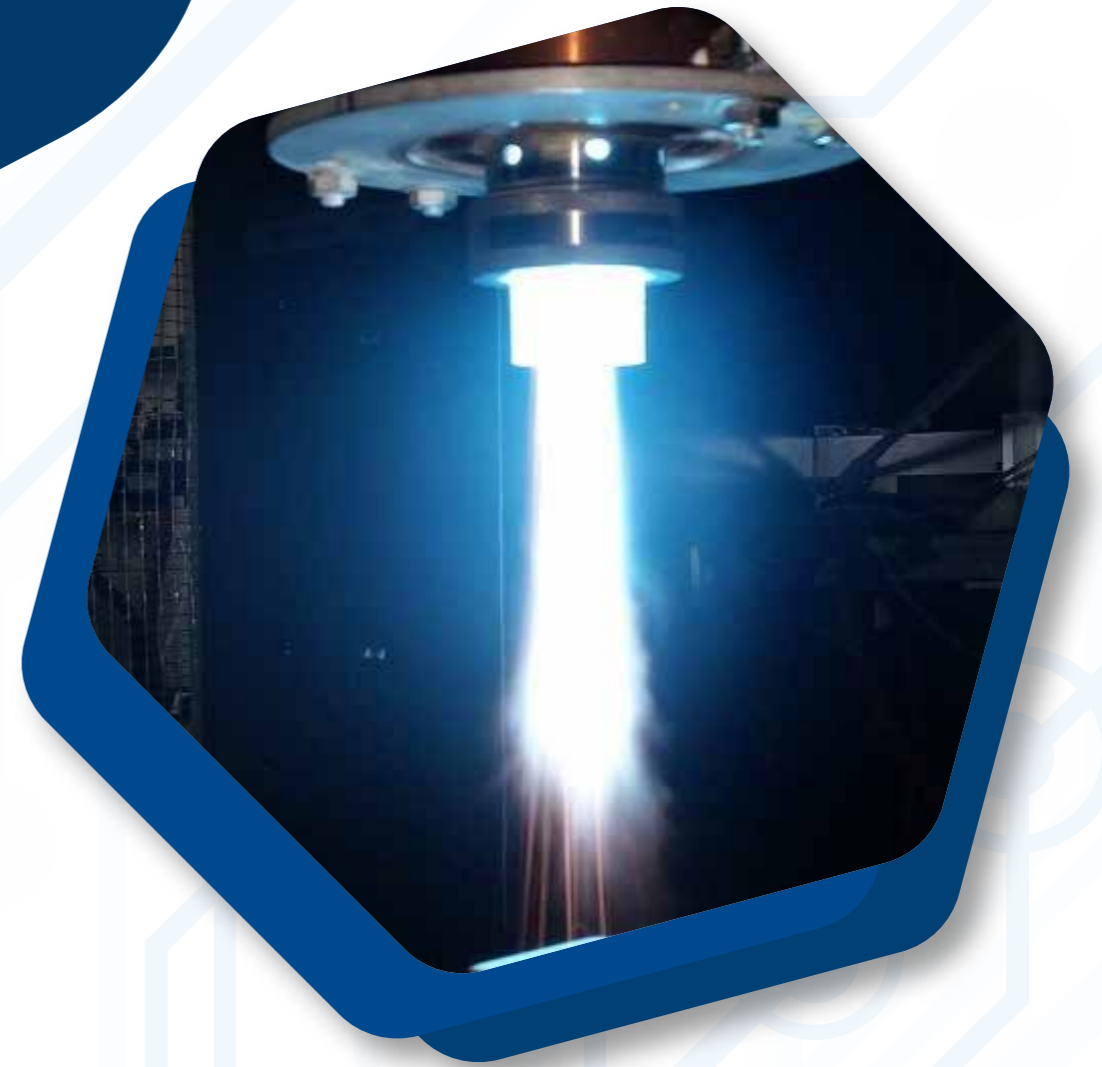


Enhance the value of customer operation through our customer need centric engineering solution.



# TRUSTED PARTNERS





## Microwave Air Jet Plasma

Microwave air jet plasma technology represents a cutting-edge approach to generating high-temperature plasma by exposing a stream of air to a high-power microwave field. This innovative method combines microwave energy with high-velocity air jets to create controlled plasma discharges, offering versatility and effectiveness in various applications such as material processing, surface treatment, and pollution management.

The generated plasma, composed of radicals, electrons, and ions, can reach temperatures exceeding a few thousand degrees Celsius, making it suitable for diverse industrial needs. Kerone, in collaboration with Fricke and Mallah GMBH, pioneers the research, development, and commercialization of microwave air jet plasma applications, offering efficient and reliable systems tailored to individual customer requirements. Through advancements in this technology, the potential for transformative solutions in numerous industries is vast, driving innovation and progress in plasma-based systems.

### Features

- Non-thermal plasma
- High-energy plasma
- Remote plasma generation
- Tunable plasma properties
- Low-cost and efficient
- Provides better control over plasma chemistry and reaction kinetics.

### Advantages

- Efficient Energy Transfer
- Enhanced Plasma Stability
- Controlled Gas Flow
- Low Thermal Impact
- Non-Toxic Carrier Gas
- Environmental Compatibility

### Application

- Material Processing and Surface Modification
- Surface treatment
- Material processing
- Pollution control
- Food processing
- Medical applications
- Plasma-Assisted Combustion
- Nanomaterial synthesis

# OUR CLIENTS









# THANK YOU

## UNIT 1

4 & 5, Marudhar Industrial Estate, Gas Godown Lane, Goddev Fatak Road, Bhayander (E), Dist. Thane - 401105. (India)

Contact Us  
+91-22 48255071,  
48255072

## UNIT 2

Plot No. B-47, Addl. Midc Anandnagar, Ambernath (E), Dist. Thane (India)- 421506

Contact Us  
+91(0251)26205  
42/43/44/45/46

## KRDC

Plot No K2, Industrial Gala F4A, D- Wing, MGN Properties, Opposite Godrej Co., Addl MIDC Anand Nagar, Ambernath (E)- 421506 (India)

Contact Us  
+91-2512620543/44

## UNIT 4 (EUROPE)

Kerone Engineering Solutions LTD. (EMitech) Viale della Palma, 7, 70033 Corato BA, Italy (Europe)

## UNIT 5 (THAILAND)

Thailand Representative:  
163 Rajapark Building,  
18th floor, Sukhumvit 21  
Road (Asoke), Wattana,  
Bangkok - 10110, Thailand

Contact Person  
G.Vivekanand  
+6689 500 9821

## Uzbekistan / Kazakhstan (Office)

TIT Company LLC: 100060,  
2, A. Kahhar, Tashkent,  
Uzbekistan

Contact Person  
Mr. Slava  
+998 903540963

## Israel (Office)

Ornatus Industrial Tech  
Ltd: Dam Hamac bim 36,  
7178602 Modiin, Israel

Contact Person  
Omri Fabian  
+972 584844887

## Australia & New Zealand (Office)

Linetech Pty Ltd:  
Po Box 3046, Browns  
Plains, Qld 4118. Australia

Contact Person  
Eric Quevauvilliers  
+61 (0)418 871 005

## Bangladesh (Office)

House-10, Road-5 Priyanka  
City, Sector-12, Uttara,  
Dhaka-1230, Bangladesh

Contact Person  
Md. Emtiaz Morshed  
+8801747762200



SCAN HERE

## Our Mails

info@kerone.com  
sales@kerone.com  
marketing@kerone.com

## Website

www.kerone.com  
www.kerone.net  
www.keroneindia.com