



MUEGGE
GROUP

YOUR TRUSTED PARTNER FOR

INDUSTRIAL MICROWAVE AND PLASMA TECHNOLOGIES

The MUEGGE Group is a leading manufacturer and supplier of function-critical industrial microwave components, systems and plasma sources with a strong global presence. Founded in 1986 and headquartered in Reichelsheim Odw., Germany, MUEGGE provides unique solutions for your technical challenges.

Our portfolio includes microwave generators in 2.45 GHz and 915 MHz from 1 kW to 100 kW, the related waveguides and matching components. Magnetrons, plasma systems and plasma components, such as plasma-arrays for large area deposition, remote plasma sources, atmospheric plasma sources and downstream sources complete our range of products. Our subsidiary LEANFA Srl. in Italy supplies compact and top reliable solid-state generators in different frequencies.

The MUEGGE Group offers tailored solutions for a wide range of industrial applications, such as:

- Semiconductor component processing (PECVD, PEALD, etching of organic/inorganic materials, decapsulation, chamber cleaning, resist removal)
- MEMS
- Hydrogen production
- Power-to-X, Power-to-Gas
- Lab-grown diamonds (Tech + Gem)
- Drying applications
- Molecular extraction in chemistry
- Photovoltaics
- Optical fiber
- Rubber vulcanization
- Wood treatment
- Production of technical foams
- Vacuum drying
- Food Heating
- Medical applications (LEANFA)

and more.



Our Locations:



Reichelsheim Odw.,
Germany



Modesto,
CA, USA



Singapore



Ruvo di Puglia
(Bari), Italy



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**MUEGGE
GROUP**

CUTTING-EDGE TECHNOLOGIES CUSTOMIZED OR STANDARDIZED

No matter if you are seeking technical advice, proof of concept or high volume production systems – take advantage of our portfolio of custom-tailored products and standardized equipment that will move your projects forward.

MICROWAVE GENERATORS

- 915 MHz; 5 kW–100 kW
- 2,45 GHz; 1 kW–15 kW



SOLID STATE GENERATORS

- 915 MHz
- 2,45 GHz
- 13,56 MHz
- other frequencies on request



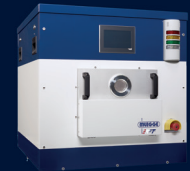
WAVEGUIDE COMPONENTS

- Tuners
- Bends
- etc.



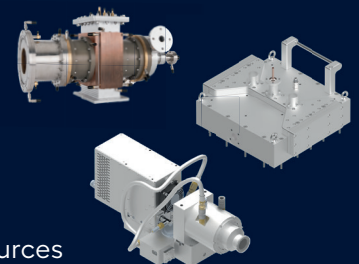
PLASMA SYSTEMS

- Stripping Tools
- Decapsulation Tools



PLASMA COMPONENTS

- Radical Plasma Sources
- Plasma Arrays
- Downstream Sources
- Atmospheric Plasma Sources



MAGNETRONS

- 915 MHz; 5 kW–100 kW
- 2,45 GHz; 1 kW–15 kW



Our Services:

MUEGGE ACADEMY,
TRAINING



MICROWAVE
SIMULATION



COMMISSIONING,
SERVICE AND
CONSULTING



Find our datasheets here:
www.muegge-group.com/datasheets

..... **POWER TO YOUR PROJECTS**