



# Welcome to 🤝 Gaztron Engineering Private Limited

(An ISO 9001-2015 Certified Co.)

At Gaztron, We promise our customers the best design, production, and export services for On-Site PSA Nitrogen, Oxygen & Hydrogen Gas Generator. We offer a variety of PSA Gas Generators to meet the needs of various applications while ensuring the highest purity.



## Trusted By Brands Across The Globe



+ 🤝 And Many More



Principles by which we at Gaztron Live by :



At Gaztron, we take pride in working closely with our customers to create custom equipment that meets their unique needs. Our team of experts will work with you every step of the way to design, manufacture, and deliver high-quality equipment that exceeds your expectations.

With a wealth of experience in the industry, we have established ourselves as leaders in the field by consistently investing in research and development.

Our state-of-the-art nitrogen and oxygen gas generators are equipped with the latest energy-efficient technology available in the market, which not only ensures optimal performance but also minimises operational costs.

Our unwavering focus on innovation and customer satisfaction has earned us a reputation as a trusted provider of high-quality gas generation solutions.



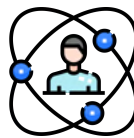
## What Makes Gaztron Different

Utilizing the latest technologies and processes, Gaztron delivers highly efficient and reliable systems that not only meet the current needs of its customers, but also anticipate their future requirements. Gaztron's dedication to continuous improvement and innovation ensures that it stays at the forefront of the industry, offering cutting-edge solutions that set new standards for performance and reliability.



### Manufacturing Facility

Our facility is equipped with state-of-the-art machinery, advanced automation systems, and highly skilled personnel, enabling us to deliver products of exceptional quality and reliability.



### Qualified Engineering Staff

Our engineers work closely with our customers to understand their unique requirements, while also ensuring that their solutions are tailored to their specific needs.



### After Sales & Service

We understand that our relationship with our customers does not end after the sale, and we strive to build long-lasting partnerships based on trust, reliability, and mutual success.



### Lowest Energy Consumption

We've engineered our gas generators to provide the most cost-effective production solution available, leveraging advanced technology to generate gas at a fraction of the cost of competing options.



## Gaztron's Nitrogen Gas Generators

Gaztron's Nitrogen Gas Generators are highly reliable and efficient, designed to meet the demands of various industrial applications. With advanced features like energy-saving technology and automatic controls, they offer significant cost savings and ease of operation. Our generators ensure a consistent supply of high purity nitrogen gas, making them ideal for industries such as food packaging, pharmaceuticals, and electronics.



## Applications

Our nitrogen generators find widespread applications in a variety of industries like :-

Metallurgical Industry, Chemical Industry, Food Packaging Industry, Pharmaceutical Industry, Electronic Industry and Sulphur Gring Industry



# Gaztron's Nitrogen Gas Generators Models

We pride ourselves on offering a wide range of nitrogen gas generators to meet the specific needs of our customers. Our team of experts can help you choose the right generator for your application, ensuring that you receive the best solution for your specific requirements.

## LOW PURITY NITROGEN GENERATOR



Model	Capacity NM3/HR
GAZ-MS-10	5 to 10 NM3/HR
GAZ-MS-20	11 to 20 NM3/HR
GAZ-MS-50	21 to 50 NM3/HR
GAZ-MS-100	51 to 100 NM3/HR
GAZ-MS-300	100 to 500 NM3/HR

PURITY OF MS MODEL : 98 % to 99.99 %

## HIGH PURITY NITROGEN GENERATOR

Model	Capacity NM3/HR
GAZ-DX-10	5 to 10 NM3/HR
GAZ-DX-20	11 to 20 NM3/HR
GAZ-DX-30	21 to 30 NM3/HR
GAZ-DX-50	31 to 50 NM3/HR
GAZ-DX-100	51 to 500 NM3/HR



PURITY : 99.9995% (5 PPM)

## ULTRA HIGH PURITY NITROGEN GENERATOR



Model	Capacity NM3/HR
GAZ-CU DX-05	0 to 5 NM3/HR.
GAZ-CU DX-10	6 to 10 NM3/HR.
GAZ-CU DX-20	11 to 20 NM3/HR.
GAZ-CU DX-30	21 to 30 NM3/HR.
GAZ-CU DX-50	31 to 50 NM3/HR.
GAZ-CU DX-100	51 to 500 NM3/HR.

PURITY : 99.9998%. ( 2 PPM )

Applications: Metallurgical Industry, Chemical Industry, Food Packaging Industry, Pharmaceutical Industry, Electronic Industry and Sulphur Gring Industry



## Gaztron's Oxygen Generation Solution for Medical and Industrial Needs

Gaztron provides an efficient and dependable solution for generating oxygen gas, suitable for diverse medical and industrial applications. Our oxygen generators are meticulously designed to cater to the requirements of various industries, offering a continuous supply of pure oxygen gas. With advanced features like automatic controls and energy-saving technology, they deliver cost-effective operations and easy handling.



### Applications

The following industries, among others, use our oxygen generators extensively:

Medical industry, Aerospace industry, Steel industry, Mining industry, Water treatment industry, Food and beverage industry, Metallurgical Industries, Fish Farming, Glass Industry and Chemical Industries



# Gaztron's Oxygen Gas Generators Models

Gaztron offers a range of high-quality oxygen gas generators with various sizes and capacities, designed for reliable and cost-effective operation. Equipped with advanced features and easy-to-use interfaces, our models are tailored to meet the specific needs of each customer.

## OXYGEN GAS GENERATOR MODELS FOR INDUSTRIAL AND MEDICAL PURPOSES



Model	Capacity NM3/HR
GAZ-GOX-5	5 NM3/HR
GAZ-GOX-6	6 NM3/HR
GAZ-GOX-10	10 NM3/HR
GAZ-GOX-15	15 NM3/HR
GAZ-GOX-20	20 NM3/HR
GAZ-GOX-30	30 NM3/HR
GAZ-GOX-45	45 NM3/HR
GAZ-GOX-50	50 NM3/HR
GAZ-GOX-60	60 NM3/HR

PURITY OF OXYGEN : 93% - 96 %

## CAPACITY IN TERMS OF CYLINDER FILLED AND BEDS CATERED

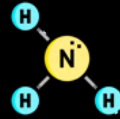
Model	Capacity NM3/HR	Liter/min	Equivalent Cylinder per day	Number of Beds Oxygen Plant can cater (3LPM)
GAZ-GOX-5	5 NM3/HR	83	17	28
GAZ-GOX-6	6 NM3/HR	100	25	42
GAZ-GOX-10	10 NM3/HR	167	34	56
GAZ-GOX-15	15 NM3/HR	250	51	83
GAZ-GOX-20	20 NM3/HR	333	69	111
GAZ-GOX-30	30 NM3/HR	500	103	167
GAZ-GOX-40	40 NM3/HR	667	137	222
GAZ-GOX-50	50 NM3/HR	833	171	278
GAZ-GOX-60	60 NM3/HR	1000	206	333

## OXYGEN GAS GENERATOR - ESSENTIAL BLOCKS

- Screw type Air Compressor with Refrigeration Dryer
- Multistage Coalescing type Oil filters to purify Air, Oil content below 0.001 pm
- Air Receiver
- Oxygen Generator with PLC Control & Oxygen Analyzer
- Oxygen Buffer Tank
- Micro & Bacterial filtration unit



Applications: Medical industry, Aerospace industry, Steel industry, Mining industry, Water treatment industry, Food and beverage industry and Chemical Industry



# Ammonia Cracker & Purifier

Gaztron Ammonia Cracker is an essential component for a variety of industrial processes, including reducing furnace environments, heat treatment furnaces such as annealing, sintering, and galvanizing, as well as the bright annealing of both carbon and stainless steel. Our high-quality cracker units provide reliable and efficient performance to meet the demands of these critical applications.

## AMMONIA CRACKER & PURIFIER



Model	Capacity NM3/HR
GAZ-NH3-05	0 TO 5 NM3/HR
GAZ-NH3-10	6 TO 10 NM3/HR
GAZ-NH3-20	11 TO 20 NM3/HR
GAZ-NH3-30	21 TO 30 NM3/HR
GAZ-NH3-50	31 TO 50 NM3/HR

Applications: Carbon Steel Brightness, Stainless Steel bright Annealing, Furnace Atmosphere, Heat Treatment for annealing & sintering and galvanizing



# Industrial Air Dryer

Our industry-leading dry air solutions provide optimal performance and efficiency for industrial applications. Our systems are designed to deliver consistent, high-quality dry air, which is critical for a wide range of industrial processes. By removing moisture and impurities from compressed air, our solutions increase product quality and productivity, while also reducing maintenance costs and downtime. With our expertise and commitment to customer satisfaction, we are the ideal partner for your dry air needs.

## INDUSTRIAL AIR DRYER

Model	Capacity
GAZ-AD-50	25-50 CFM
GAZ-AD-150	50-150 CFM
GAZ-AD-400	150-400 CFM
GAZ-AD-1000	400-1000 CFM
GAZ-AD-1500	1000-1500 CFM



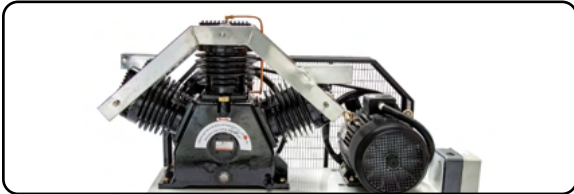
Applications: Automotive industry, Electronics industry, Textile industry, Mining industry, Pharmaceutical industry, Electronics industry, Food and beverage industry



# Booster Pumps

Gaztron provides a range of booster pumps, including pneumatic and reciprocating models, that enhance gas output pressure and enable the generators to function at higher pressures. With our expertise, we offer tailored solutions to meet customers' specific requirements, including accessories and booster pumps to optimize gas generator performance.

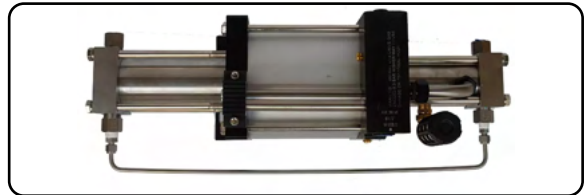
## NITROGEN & OXYGEN RECIPROCATING BOOSTER PUMP



Model	Capacity	Outlet Pressure
GAZ-RBP-10	6-60 NM3/HR	10 - 15 Bar
GAZ-RBP-150	6-60 NM3/HR	150 Bar
GAZ-RBP-200	6-60 NM3/HR	200 Bar

## NITROGEN & OXYGEN PNEUMATIC BOOSTER PUMP

Model	Min. Gas Inlet Pressure	Max. Gas Inlet Pressure
GAZ-NBP-10	1 Bar	16 Bar
GAZ-NBP-150	2 Bar	40 Bar
GAZ-NBP-200	0.1 Bar	200 Bar



Applications: Automotive industry, Electronics industry, Textile industry, Mining industry, Pharmaceutical industry, Electronics industry, Food and beverage industry



# Accessories and Spare Parts

Our range of accessories includes everything from filters and regulators to control panels and flow meters. These accessories are designed to complement your gas generator and ensure optimal performance. They are made of high-quality materials and are easy to install, so you can start using them right away.

## ACCESSORIES AND SPARE PARTS

- Carbon Molecular Sieve ( CMS )
- Activated Alumina
- Oxygen Analyser Sensor
- Zeolite Molecular Sieve (ZMS )
- Filter Element
- Quick Exhaust Valve - GSR
- Activated Carbon
- Solenoid Valve
- Spare Parts for Air Compressor





# LIST OF OUR PRESTIGIOUS CUSTOMERS

Our PSA Gas Generator Plants have been widely embraced by industries around the world for decades, showcasing the remarkable level of customer satisfaction we deliver. This achievement speaks volumes about our unwavering commitment to excellence and constant pursuit of advancement through research and development. We have established ourselves as frontrunners, continuously striving to exceed expectations.



+ 🤝 And Many More



# What sets our Gas Generators apart from others



Efficient & Energy-Saving



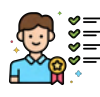
Customizability



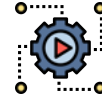
Reliability



Fast Start Up



Highly Skilled Technical Team



Fully Automatic



## Certificates & Compliances

At Gaztron, we take pride in our commitment to quality and compliance. Our gas generators and accessories are designed and manufactured to meet or exceed the highest industry standards. We have obtained various certifications and compliances to demonstrate our dedication to safety, reliability, and environmental responsibility.



ISO 9001 : TUV



ISO 13485



CE



ISO 14001



NSIC



Excited to hear from you soon and discover how we can help you achieve your goals!



### Gaztron Engineering Private Limited

(An ISO 9001-2015 Certified Co.)

Find Us On Web

[www.gaztronindia.com](http://www.gaztronindia.com)

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