

Safety
FeaturesDurable
Construction

NITROGEN GENERATOR

Our nitrogen generator delivers a steady and high-purity nitrogen supply for industrial and laboratory applications. Designed for efficiency and reliability, it features low energy consumption, minimal maintenance, and user-friendly operation. With a compact and durable design, it ensures continuous nitrogen production, making it ideal for food packaging, electronics, pharmaceuticals, and other critical industries.



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HIGH PURITY

NITROGEN GENERATOR

99.999%

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Safety Features



Durable Construction



Energy-Efficient Operation



INTRODUCTION

Introducing the 99.999% High Purity Nitrogen Generator—a cutting-edge solution for industries that demand the highest quality nitrogen for their processes. This factory direct sales product offers exceptional purity, delivering nitrogen at a purity level of 99.999%, ensuring that you meet the stringent requirements for applications in laboratories, manufacturing, electronics, pharmaceuticals, and food industries, among others.

Our nitrogen generator is designed with advanced technology and a commitment to quality. It utilizes a state-of-the-art Pressure Swing Adsorption (PSA) system, which efficiently separates nitrogen from other gases in the air, delivering a continuous flow of high-purity nitrogen. With purity levels reaching 99.999%, the generator ensures optimal performance for sensitive processes, whether for inerting, blanketing, or any other nitrogen requirement in various sectors.

Key features include a user-friendly interface, a compact design that saves valuable floor space, and low operational costs. It operates continuously, offering a reliable and cost-effective solution compared to traditional methods such as nitrogen cylinders or liquid nitrogen tanks. The high efficiency of the system reduces energy consumption while maintaining a consistent and uninterrupted supply of nitrogen.

Furthermore, this nitrogen generator is engineered with durability in mind, ensuring long-term reliability with minimal maintenance. It is also equipped with advanced monitoring and control systems, making it easy to track performance and make adjustments as necessary.

Designed for both small-scale and large-scale operations, the 99.999% High Purity Nitrogen Generator is scalable to meet your specific needs. Whether you need a generator for a single production line or a multi-facility operation, this product provides the flexibility to support your business's growth.

Choosing our factory-direct nitrogen generator ensures competitive pricing and excellent customer service. We are committed to providing solutions that enhance operational efficiency, reduce costs, and improve the quality of your processes.

INDUSTRIAL GRADE SAFE NITROGEN UNIT

ARAKI



Durable
Construction



Safety
Features



Energy-Efficient
Operation



INTRODUCTION

Compact and Space-Saving Design:

Our nitrogen generator boasts a space-saving design, perfect for installations with limited space. Its compact footprint enables effortless integration into existing food packaging facilities without the need for extensive modifications.

Efficient Nitrogen Generation:

Utilizing advanced carbon steel technology, our generator efficiently produces nitrogen gas. The design optimizes nitrogen production while minimizing energy consumption, resulting in cost savings and sustainable operation. Experience efficient nitrogen generation without compromising performance or efficiency, enhancing overall productivity in your food packaging operations.

High Purity for Food Safety:

With a purity level of 99.9%, our nitrogen generator ensures the highest quality nitrogen for food packaging applications. The nitrogen gas produced is free from impurities, guaranteeing the safety and preservation of packaged food products. Maintain the freshness and quality of your food products with a reliable and pure nitrogen supply.

User-Friendly Interface and Monitoring:

Our nitrogen generator features a user-friendly interface that allows for easy control and monitoring of key parameters, including nitrogen purity, production rate, and system status. Stay informed about the nitrogen generation process with real-time data visualization, facilitating efficient operation and troubleshooting. Minimize downtime and ensure smooth performance with our intuitive interface.

Durable Carbon Steel Construction:

Crafted with durable carbon steel, our nitrogen generator is built to withstand the demanding environment of food packaging facilities. The corrosion-resistant properties of carbon steel provide added protection and ensure a reliable nitrogen supply. Trust in the robustness and resilience of our generator for long-lasting performance.

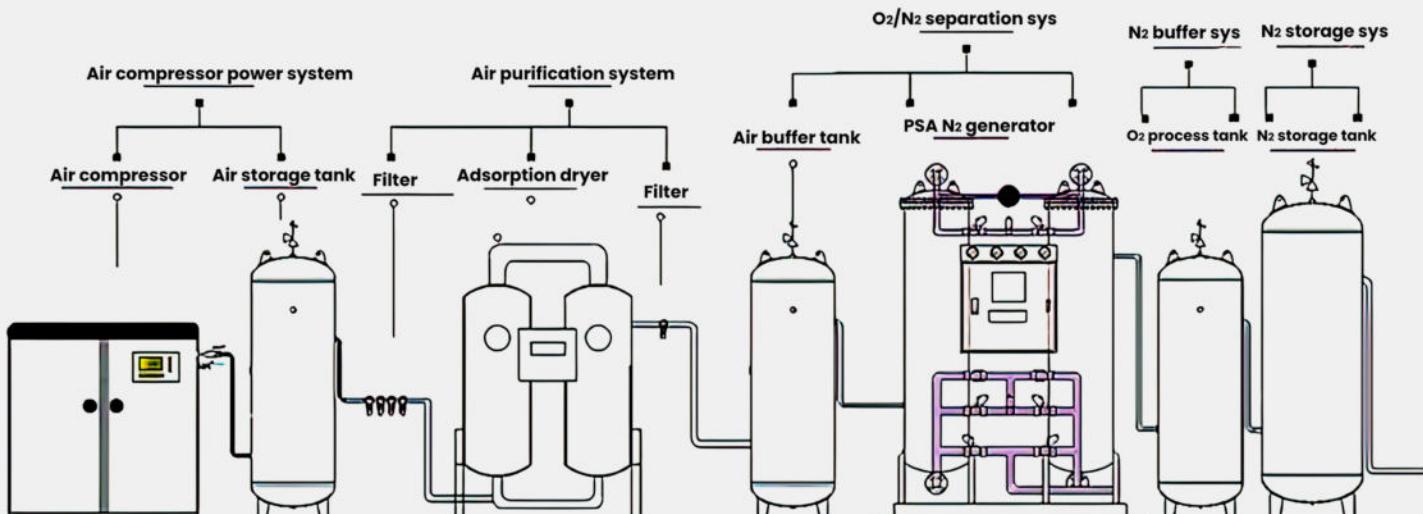
INDUSTRIAL GRADE SAFE NITROGEN UNIT

ARAKI

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

AMMONIA DECOMPOSES HYDROGEN SYSTEM



INDUSTRIAL GRADE SAFE NITROGEN UNIT

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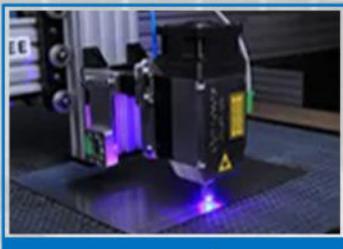
APPLICATION AREA



Oil & gas



Chemical



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR - FACTORY DIRECT



Safety Features



Durable Construction



Energy-Efficient Operation



INTRODUCTION

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Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

PSA NITROGEN GENERATOR - FACTORY DIRECT

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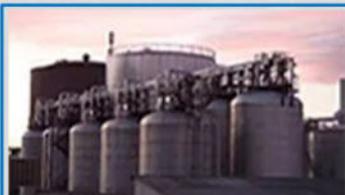
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APPLICATION AREA



Oil & gas



Chemical



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR - FACTORY DIRECT

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

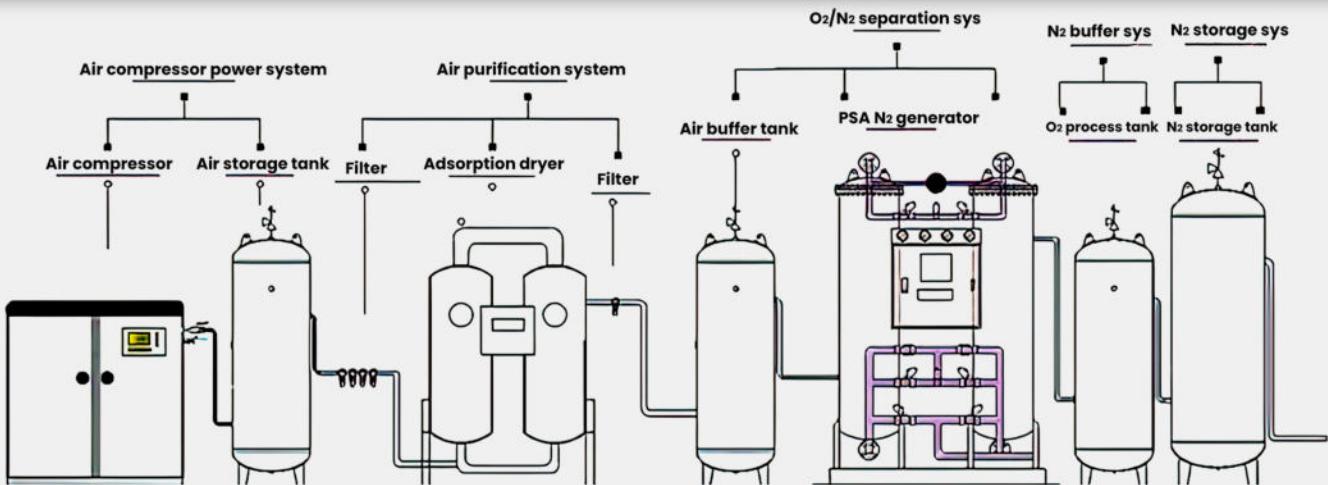
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

CUSTOM NITROGEN GENERATOR - EASY OPERATION

ARAKI



Durable Construction



Safety Features



Energy-Efficient Operation



INTRODUCTION

Introducing our top-of-the-line product, the 80Nm³/hr 99% Stable Flow Rate Pure Nitrogen Pipe Purging Application designed specifically for the Solid Waste Treatment Industry.

With a professional tone of voice, we proudly present this exceptional product that is tailored to meet the specific needs of the Solid Waste Treatment Industry. This high-quality nitrogen purging application offers a stable flow rate of 80Nm³/hr, ensuring a consistent and reliable performance.

Our product boasts an impressive 99% purity level, guaranteeing the delivery of pure nitrogen for all your pipe purging requirements. Whether you need to remove contaminants, moisture, or oxygen from your pipes, our nitrogen purging system is the ideal solution.

Designed to excel in the rigorous demands of the Solid Waste Treatment Industry, our product offers unparalleled efficiency and effectiveness. It is specifically engineered to handle the challenges faced in this industry, providing optimal results for your solid waste treatment processes.

Investing in our 80Nm³/hr 99% Stable Flow Rate Pure Nitrogen Pipe Purging Application means investing in a reliable and durable solution that will significantly enhance your operations. With its professional tone and unrivaled features, this product is the perfect choice for the Solid Waste Treatment Industry.

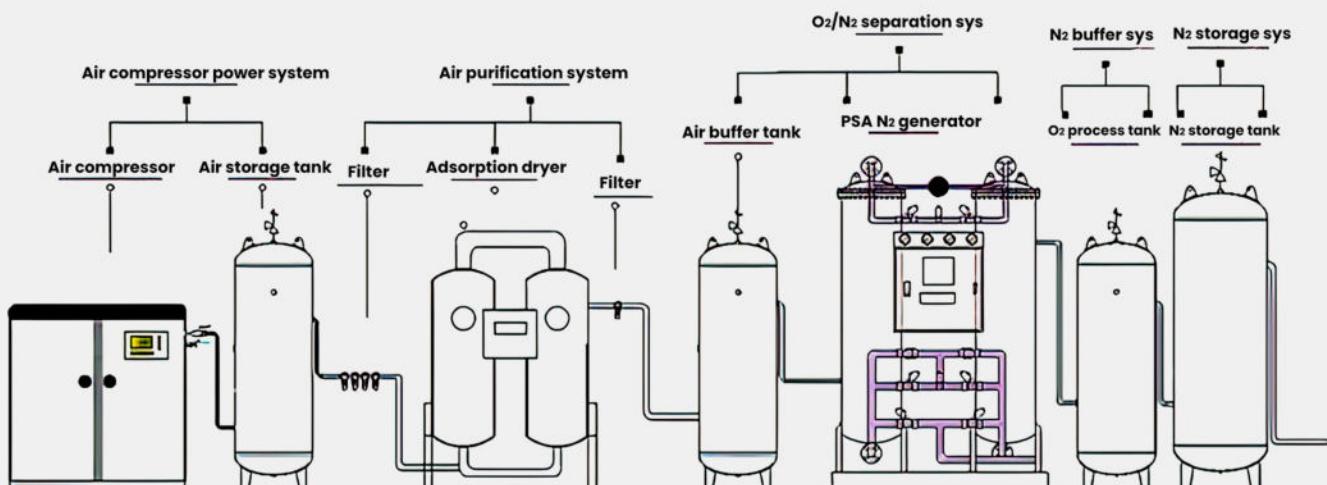
CUSTOM NITROGEN GENERATOR - EASY OPERATION

ARAKI

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

PSA NITROGEN GENERATOR SYSTEM



CUSTOM NITROGEN GENERATOR - EASY OPERATION

ARAKI

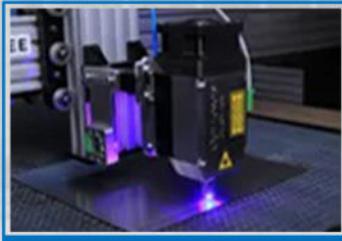
APPLICATION AREA



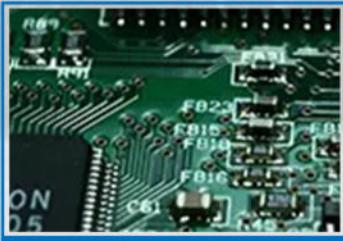
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

LASER CUTTING NITROGEN SUPPLY SYSTEM



Durable Construction



Energy-Efficient Operation



Safety Features

INTRODUCTION

Corrosion Resistance Carbon Steel High Purity Durable Space-Saving User-Friendly Continuous Nitrogen Generator for Laboratory

Continuous Nitrogen Generation

Our nitrogen generator operates continuously, providing a steady flow of nitrogen gas to meet the demands of laboratory applications. The continuous generation process ensures a consistent nitrogen supply, eliminating the need for storing or handling high-pressure cylinders.

10Nm³/hr Production Capacity

With a production capacity of 10Nm³/hr, our generator is suitable for laboratory settings that require a moderate nitrogen flow rate. The capacity is designed to meet the nitrogen demands of various laboratory equipment and experiments.

99% Nitrogen Purity

Our generator delivers nitrogen gas with a purity level of 99%, ensuring high-quality nitrogen for precise laboratory applications. The 99% purity level reduces the presence of impurities, contaminants, and oxygen, providing optimal conditions for experiments and research.

Carbon Steel Construction

The generator is constructed with carbon steel, known for its durability and corrosion resistance. The carbon steel construction ensures the longevity and reliability of the generator in laboratory environments.

Compact and Space-Saving Design

Our nitrogen generator features a compact design, making it suitable for laboratories with limited space. The space-saving design allows for easy integration into existing laboratory setups without causing disruptions.

User-Friendly Operation

The generator is designed for user-friendly operation, with intuitive controls and easy maintenance. The system can be easily operated by laboratory personnel, ensuring a hassle-free nitrogen supply.

LASER CUTTING NITROGEN SUPPLY SYSTEM

INTRODUCTION

Safety Features

Our generator is equipped with safety features to ensure the protection of laboratory personnel and equipment. Safety mechanisms such as pressure relief valves, alarms, and automatic shutdown systems are incorporated for enhanced safety during operation.

Reliable Performance

Our generator is engineered for reliable and consistent performance, providing a dependable nitrogen supply for laboratory applications. The system is designed to operate efficiently and effectively, minimizing downtime and maximizing productivity.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
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Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

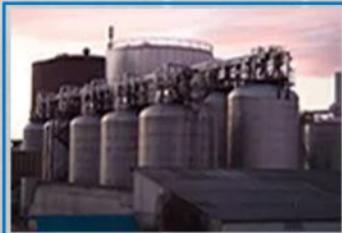
LASER CUTTING NITROGEN SUPPLY SYSTEM

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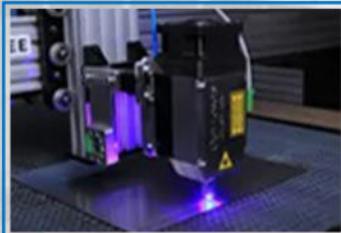
APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass

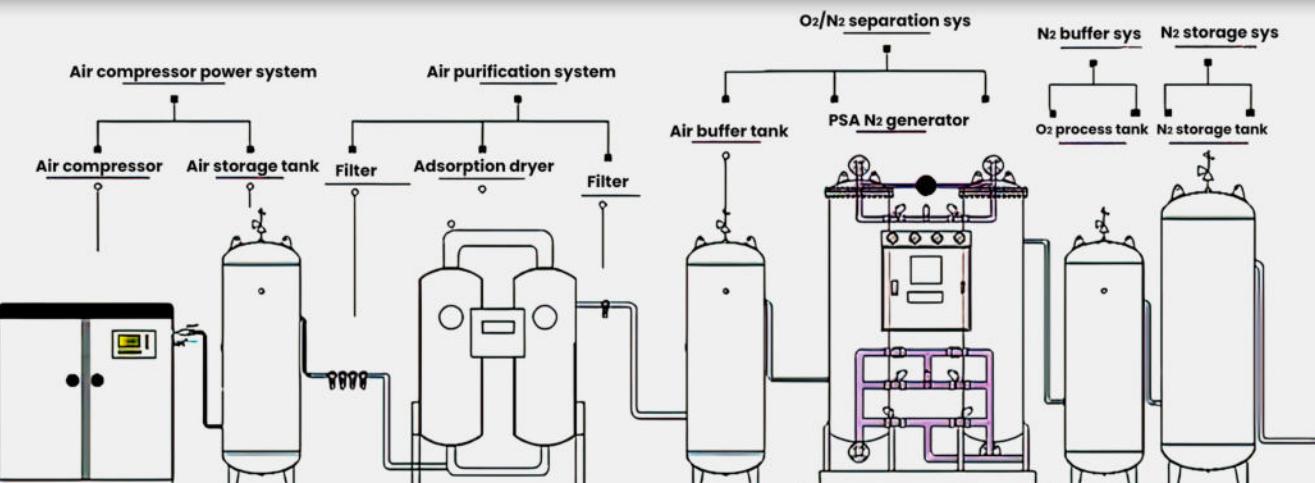


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



LOW ENERGY HIGH EFFICIENCY NITROGEN GENERATOR



Durable Construction



Safety Features



Energy-Efficient Operation



INTRODUCTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

LOW ENERGY HIGH EFFICIENCY NITROGEN GENERATOR

ARAKI

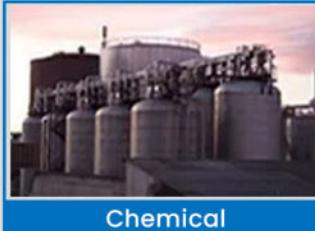
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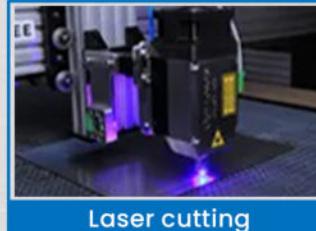
APPLICATION AREA



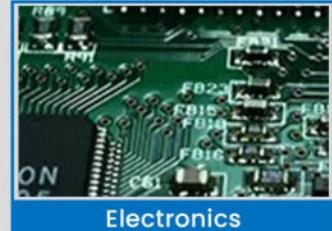
Oil & gas



Chemical



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

LOW ENERGY HIGH EFFICIENCY NITROGEN GENERATOR

 ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

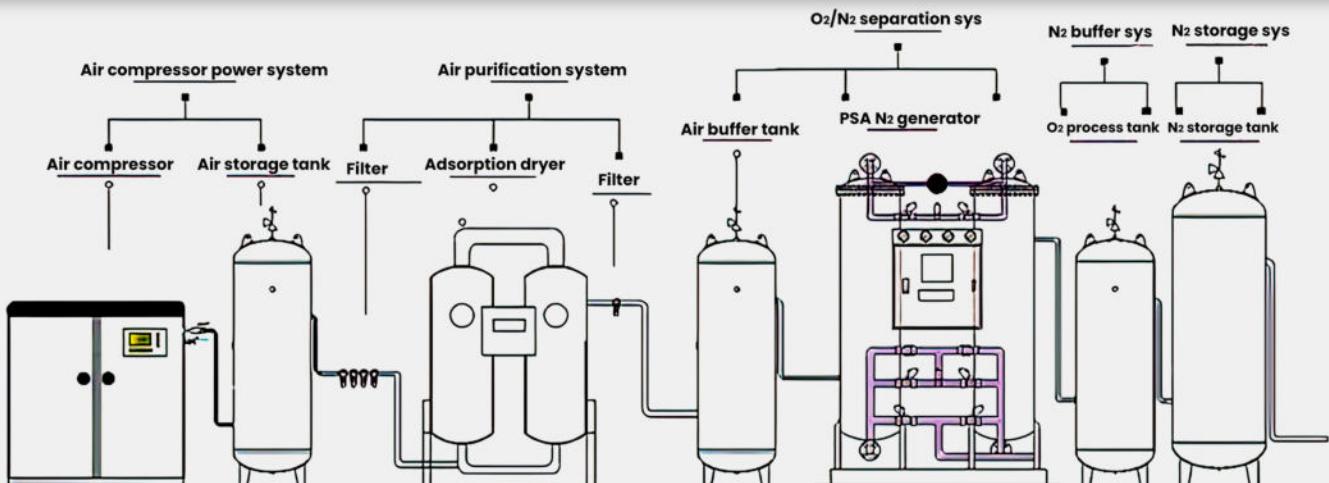
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

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ENERGY SAVING NITROGEN GENERATOR



Safety Features



Durable Construction



Energy-Efficient Operation



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ENERGY SAVING NITROGEN GENERATOR

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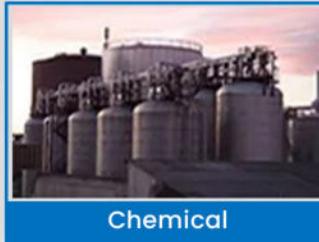
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Mobile Way	Floor standing

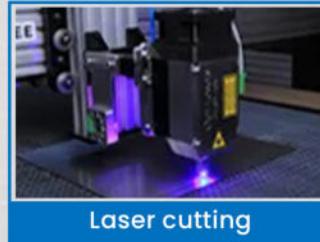
APPLICATION AREA



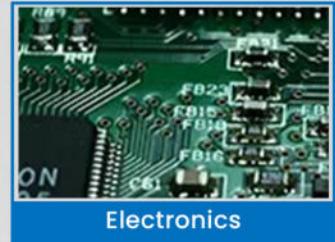
Oil & gas



Chemical



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

ENERGY SAVING NITROGEN GENERATOR

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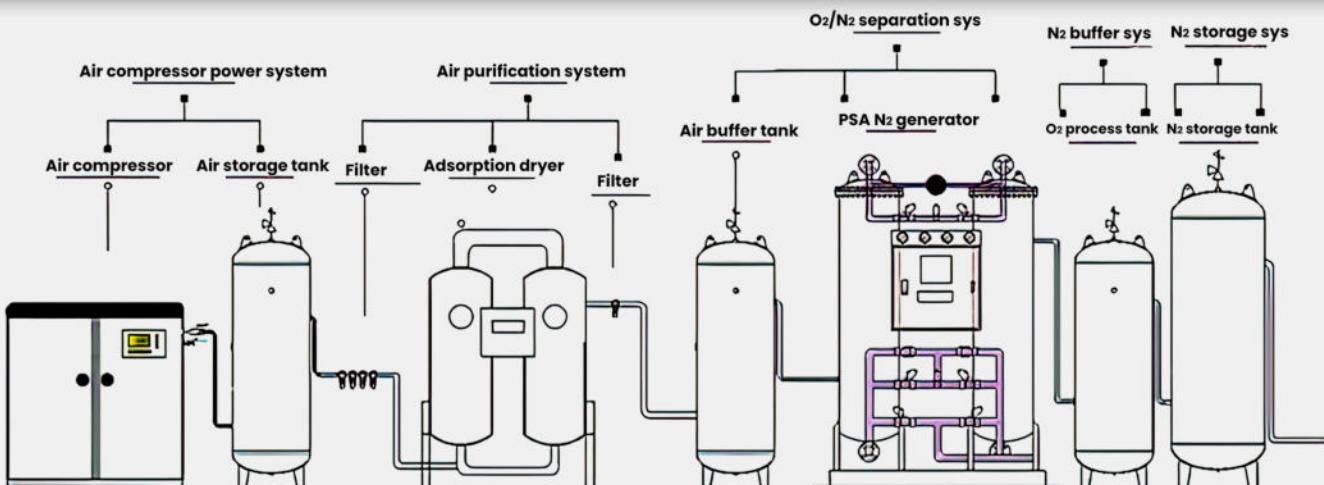
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4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

COMPACT

FOOD-GRADE

NITROGEN GENERATOR

ARAKI



Energy-Efficient Operation



Safety Features



Durable Construction



INTRODUCTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

COMPACT FOOD-GRADE NITROGEN GENERATOR

ARAKI

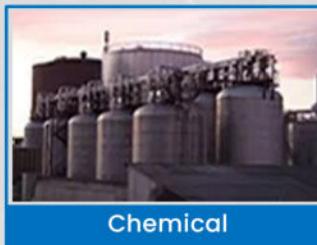
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

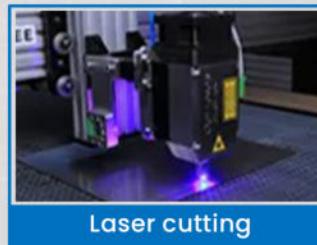
APPLICATION AREA



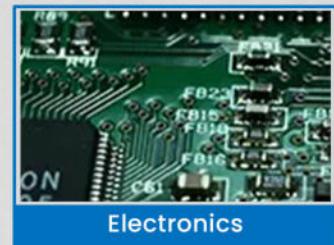
Oil & gas



Chemical



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

COMPACT FOOD-GRADE NITROGEN GENERATOR

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

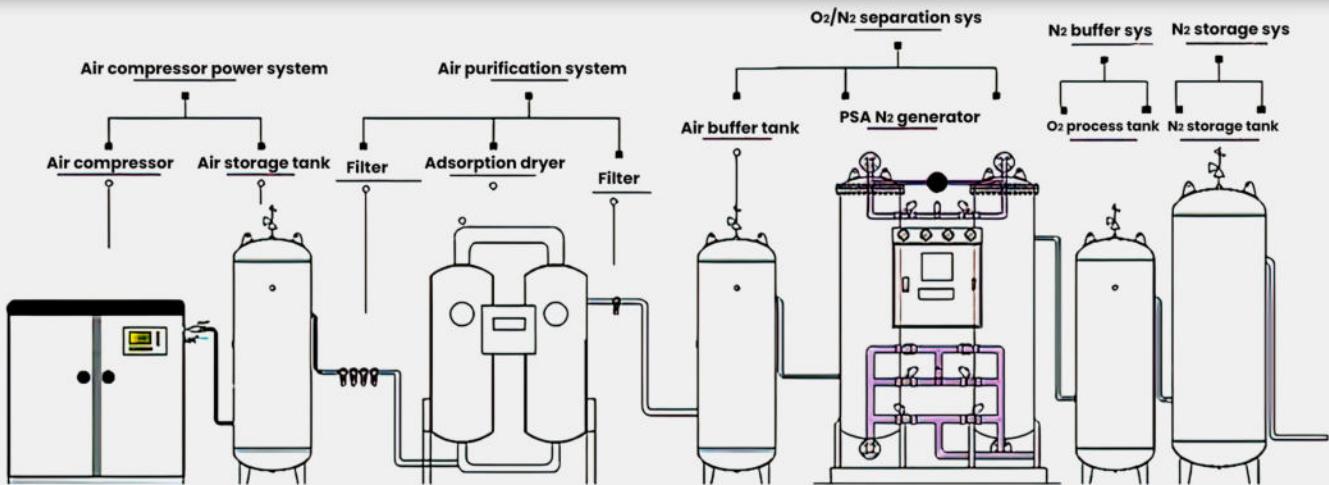
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

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PSA NITROGEN GENERATOR SYSTEM



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4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

PSA NITROGEN GENERATOR – EASY INSTALL



INTRODUCTION

Versatile High-performance Innovative Non-pollution High Purity PSA Nitrogen Generator for Food/Pharmaceutical/Electronics/Metal Fabrication Industry

Introducing our latest addition to the environmental protection industry – the 50Nm³/hr 99.9% Non-pollution Wide Application Environmental Protection Industry PSA Nitrogen Generator. This cutting-edge product is designed to meet the growing demand for clean and reliable nitrogen supply in various industries.

With a focus on environmental sustainability, our PSA Nitrogen Generator utilizes advanced technology to produce high-purity nitrogen gas without any harmful emissions. This ensures a non-polluting operation, making it an ideal choice for industries that prioritize environmental protection.

The wide application range of our PSA Nitrogen Generator sets it apart from traditional nitrogen supply methods. It can be seamlessly integrated into various industrial processes, such as food and beverage packaging, electronics manufacturing, pharmaceutical production, and metal fabrication, to name just a few. Its versatility makes it a valuable asset for businesses across different sectors.

Equipped with state-of-the-art components and a reliable PSA (Pressure Swing Adsorption) system, this nitrogen generator guarantees a steady and uninterrupted nitrogen supply. The PSA technology efficiently separates nitrogen from the surrounding air, delivering a consistent purity level of 99.9%. This ensures that your production processes can run smoothly and efficiently, without any compromise on quality.

PSA NITROGEN GENERATOR - EASY INSTALL

ARAKI

INTRODUCTION

In addition to its outstanding performance, our PSA Nitrogen Generator boasts a user-friendly interface and intuitive controls, allowing for easy operation and maintenance. Its compact design and robust construction ensure long-lasting durability, making it a cost-effective investment for your business.

Embrace the future of environmental protection and enhance your industrial processes with our 50Nm³/hr 99.9% Non-pollution Wide Application Environmental Protection Industry PSA Nitrogen Generator. Experience the benefits of a clean, reliable, and efficient nitrogen supply, while contributing to a greener and more sustainable future.

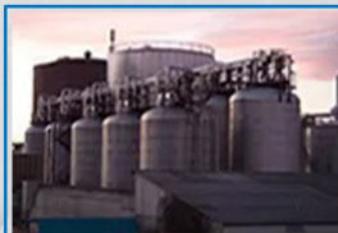
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy

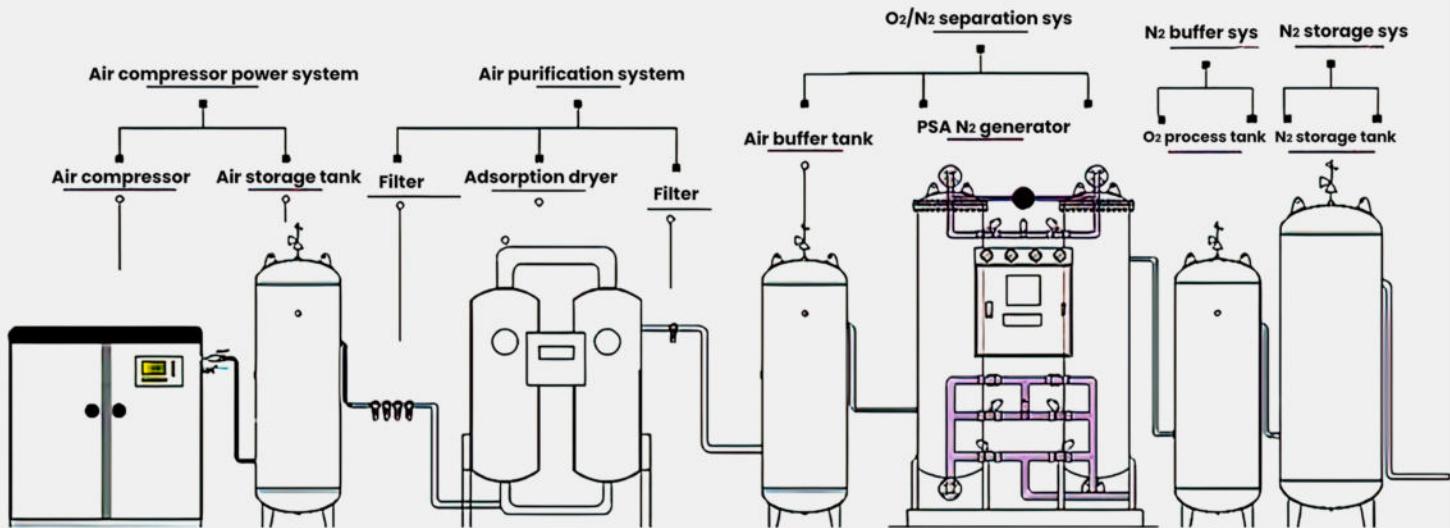


Pharmaceuticals

PSA NITROGEN GENERATOR - EASY INSTALL

ARAKI

PSA NITROGEN GENERATOR SYSTEM



COMPLETE NITROGEN PURIFICATION SYSTEM



Durable Construction



Safety Features



Energy-Efficient Operation



INTRODUCTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

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COMPLETE NITROGEN PURIFICATION SYSTEM

ARAKI

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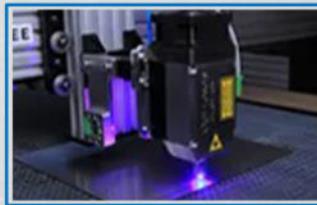
APPLICATION AREA



Oil & gas



Chemical



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

COMPLETE NITROGEN PURIFICATION SYSTEM

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

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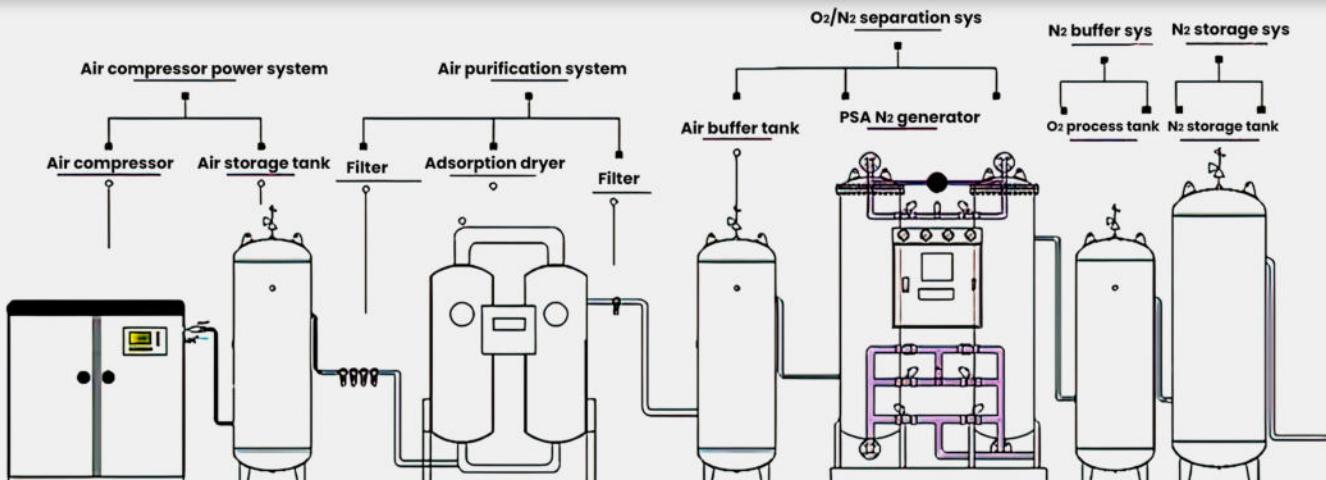
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

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PSA NITROGEN GENERATOR SYSTEM



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NITROGEN GENERATOR FOR SOLDERING APPLICATIONS



Durable Construction



Energy-Efficient Operation



Safety Features



INTRODUCTION

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NITROGEN GENERATOR FOR SOLDERING APPLICATIONS

ARAKI

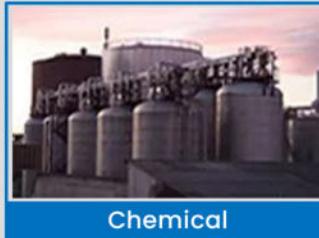
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Dimension (L*W*H)	Customized solutions
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Warranty Of Core Components	1 Year
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Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

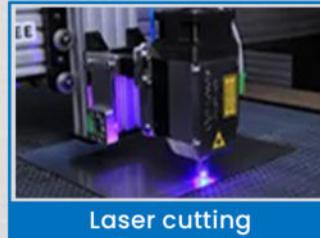
APPLICATION AREA



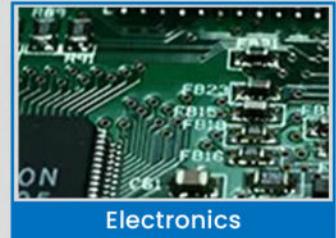
Oil & gas



Chemical



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

NITROGEN GENERATOR FOR SOLDERING APPLICATIONS

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

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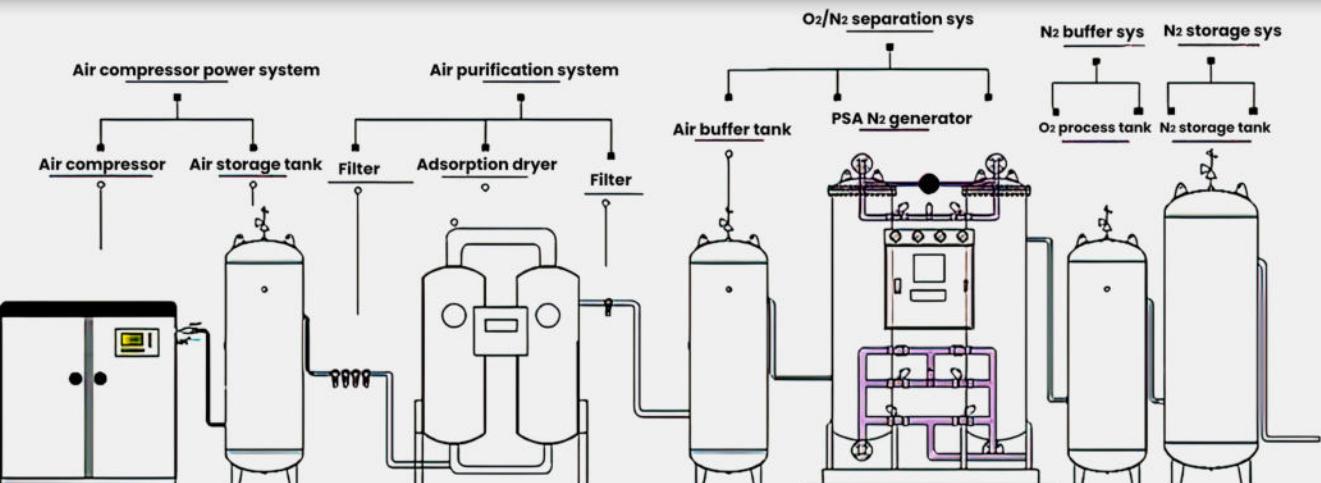
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PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

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STAINLESS STEEL MEDICAL NITROGEN UNIT



Durable Construction



Safety Features



Energy-Efficient Operation



INTRODUCTION

Durable Innovative Energy-Efficient Stainless Steel High Purity Precision Nitrogen Generator for Medical Innovative Stainless Steel Construction

- Our nitrogen generator showcases an innovative construction using premium-grade stainless steel materials, delivering exceptional durability and corrosion resistance specifically tailored for pharmaceutical and medical environments.
- Meticulously engineered, the stainless steel construction surpasses the demanding requirements of medicine industry applications, ensuring uncompromised product integrity and purity.

Ample Production Capacity

- Boasting a production capacity of 5Nm³/hr, our generator is optimally designed for pharmaceutical and medical applications that require a moderate nitrogen supply.
- The substantial production capacity guarantees a consistent and reliable nitrogen flow, catering to a wide range of medicine industry processes, including packaging, storage, and inerting.

Unparalleled Nitrogen Purity

- The nitrogen gas generated by our state-of-the-art system achieves an unparalleled purity level of 99.9%, surpassing the stringent requirements of pharmaceutical and medical applications.
- This exceptional purity level effectively minimizes the presence of contaminants, moisture, and oxygen, ensuring the utmost safety and efficacy during medicine production and storage.

Tailored for Medicine Industry Usage

- Our nitrogen generator is meticulously designed and optimized to meet the unique demands of the pharmaceutical and medical industry.
- It comprehensively addresses the specific requirements of medicine production, storage, and packaging, providing a dependable and high-purity nitrogen supply for critical processes.

STAINLESS STEEL MEDICAL NITROGEN UNIT

 ARAKI

INTRODUCTION

Energy-Efficient Performance

- Placing a strong emphasis on energy efficiency, our nitrogen generator is engineered to consume minimal power while delivering a consistent and uninterrupted flow of nitrogen.
- Its energy-efficient operation contributes to significant cost savings and aligns with the industry's commitment to resource efficiency and environmental responsibility.

Cutting-Edge Controls and Monitoring

- Equipped with cutting-edge controls and monitoring systems, our generator allows for precise parameter adjustments and real-time monitoring of nitrogen purity, flow rate, and system status.
- These advanced features ensure optimal performance, accuracy, and safety throughout the entirety of medicine production and storage processes.

Strict Compliance with Industry Standards

- Our nitrogen generator fully adheres to all relevant industry standards and regulations specifically tailored for the medicine industry.
- We prioritize the highest levels of quality, safety, and compliance, guaranteeing that our generator not only meets but exceeds the industry's stringent requirements, providing a reliable nitrogen generation solution for pharmaceutical and medical applications.

Choose our nitrogen generator to elevate the reliability, efficiency, and safety of your pharmaceutical and medical processes. Its innovative stainless steel construction, ample production capacity, unparalleled nitrogen purity, tailored design for the medicine industry, energy-efficient performance, cutting-edge controls and monitoring, and strict compliance with industry standards make it an ideal solution for your specific requirements. Get in touch with us today to discover more about our nitrogen generator and unlock its benefits for your pharmaceutical and medical applications.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

STAINLESS STEEL MEDICAL NITROGEN UNIT

ARAKI

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass

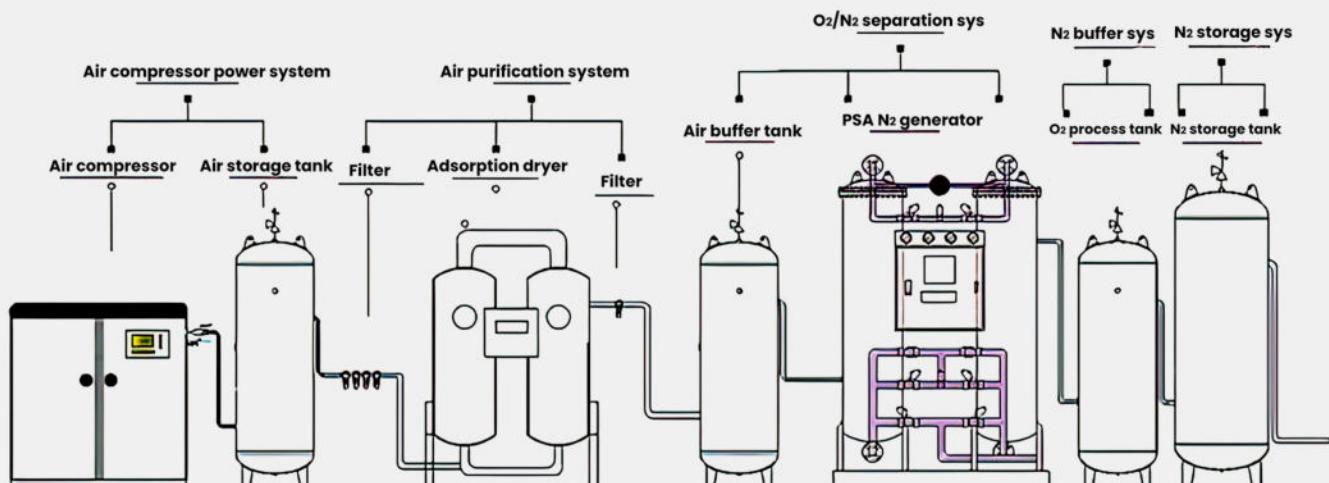


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



DURABLE CARBON STEEL NITROGEN GENERATOR



Durable Construction



Energy-Efficient Operation



Safety Features



INTRODUCTION

Are you searching for a professional-grade nitrogen generator to meet your industrial nitrogen needs? Look no further than our advanced nitrogen generator, meticulously designed to deliver exceptional performance and reliability in diverse industries.

Robust Construction:

Our nitrogen generator is built with a robust and durable construction, ensuring its ability to withstand the rigors of industrial environments. With high-quality materials and precision engineering, it offers exceptional strength, corrosion resistance, and thermal stability, guaranteeing reliable performance even in harsh conditions.

On-Site Nitrogen Production:

Say goodbye to the dependency on external nitrogen suppliers. Our nitrogen generator enables you to produce nitrogen gas on-site, providing a continuous and reliable supply tailored to your specific industrial requirements. This eliminates the need for frequent nitrogen deliveries and ensures a consistent nitrogen supply whenever and wherever you need it.

User-Friendly Control System:

Take control of your nitrogen production process effortlessly with our user-friendly control system. The intuitive interface allows you to monitor and adjust parameters such as nitrogen purity, flow rates, and pressure levels with ease. Real-time data and precise control capabilities optimize efficiency and ensure optimal nitrogen production for your applications. Explore the realm of dependable and efficient nitrogen generation with our state-of-the-art 25Nm³/hr 99.99% Durable On-Site Carbon Steel Nitrogen Generator. Crafted to meet the highest industry standards, this cutting-edge nitrogen generator delivers unmatched performance, durability, and convenience across various applications. Continue reading to discover how this advanced system can revolutionize your nitrogen supply.

DURABLE CARBON STEEL NITROGEN GENERATOR

ARAKI

INTRODUCTION

Superior Nitrogen Generation Technology:

Unleash the potential of our state-of-the-art nitrogen generation technology. This innovative system harnesses the power of groundbreaking carbon steel components to ensure resilience and long-lasting performance. With exceptional efficiency, it achieves a nitrogen purity level of 99.99%, surpassing the stringent requirements of diverse industries.

On-Site Nitrogen Production:

Bid farewell to expensive nitrogen deliveries and storage tanks with our on-site nitrogen production solution. This generator empowers you to generate nitrogen gas whenever and wherever it is needed. Revel in the convenience of a reliable on-demand nitrogen supply, optimizing your operations and minimizing downtime.

Unparalleled Performance:

Our nitrogen generator, boasting a capacity of 25Nm³/hr, provides a consistent and uninterrupted flow of high-purity nitrogen gas. Whether you require nitrogen for food packaging, electronics manufacturing, or laser cutting, this system guarantees unwavering performance, facilitating seamless and efficient operations.

Durable Carbon Steel Construction:

Meticulously engineered for durability, our nitrogen generator features a robust carbon steel construction. This ensures long-term reliability and resistance to harsh operating conditions. The employment of high-quality materials guarantees longevity, reducing maintenance requirements and maximizing productivity.

Advanced Control System:

Seize full control of your nitrogen production process with our advanced control system. The user-friendly interface allows for effortless operation, precise parameter control, and real-time monitoring of key performance indicators. Stay informed about nitrogen purity, flow rates, and system status, ensuring optimal efficiency at all times.

Versatile Applications:

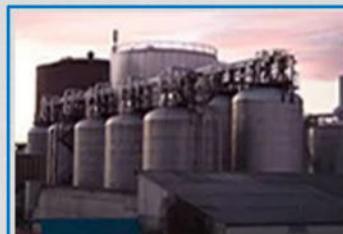
The versatility of our nitrogen generator makes it suitable for a wide range of industries and applications. From pharmaceutical manufacturing to food and beverage processing, this system accommodates diverse nitrogen needs. Its flexibility and adaptability establish it as an indispensable asset for businesses seeking reliable and cost-effective nitrogen generation.

Experience the pinnacle of nitrogen generation technology with our 25Nm³/hr 99.99% Durable On-Site Carbon Steel Nitrogen Generator. Unleash unrivaled performance, durability, and control while enjoying the convenience of on-site nitrogen production. Enhance your operations, reduce costs, and elevate productivity with this state-of-the-art solution. Contact us today to learn more about how this generator can transform your nitrogen supply.

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

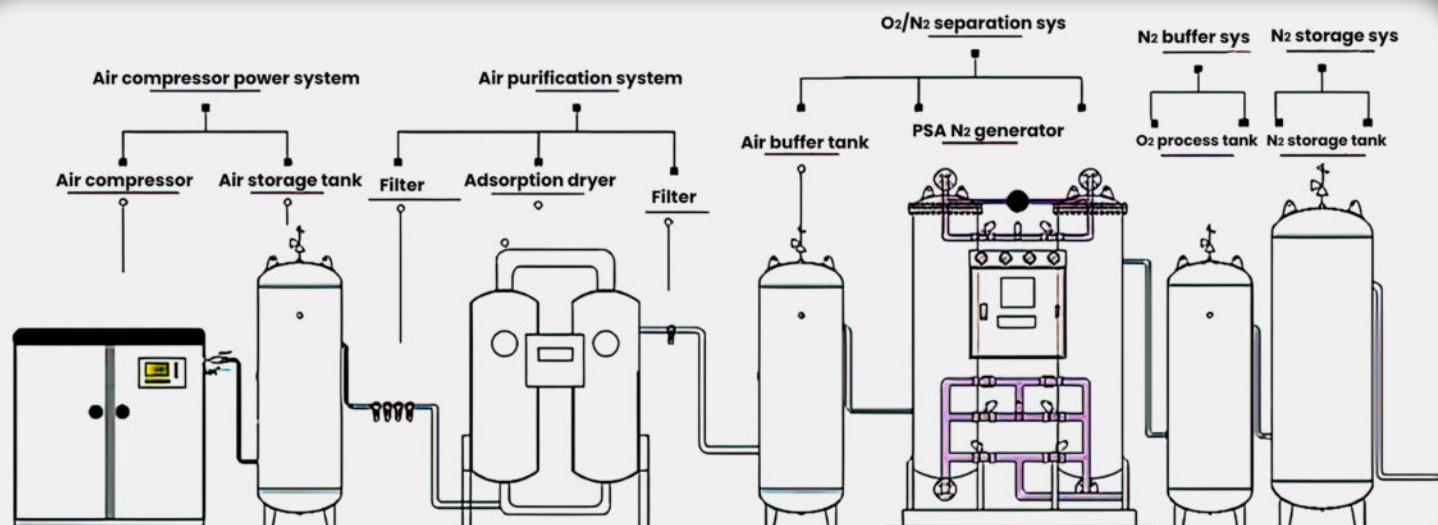
DURABLE CARBON STEEL NITROGEN GENERATOR

ARAKI

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
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Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
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Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

PSA NITROGEN GENERATOR SYSTEM



PSA NITROGEN GENERATOR FOR CANNING INDUSTRY



Durable Construction



Safety Features



Energy-Efficient Operation



INTRODUCTION

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PSA NITROGEN GENERATOR FOR CANNING INDUSTRY

ARAKI

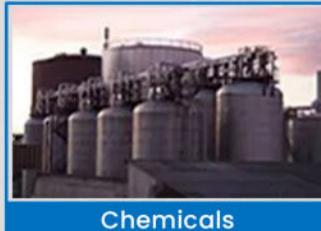
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Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

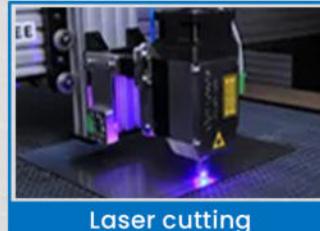
APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR FOR CANNING INDUSTRY

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

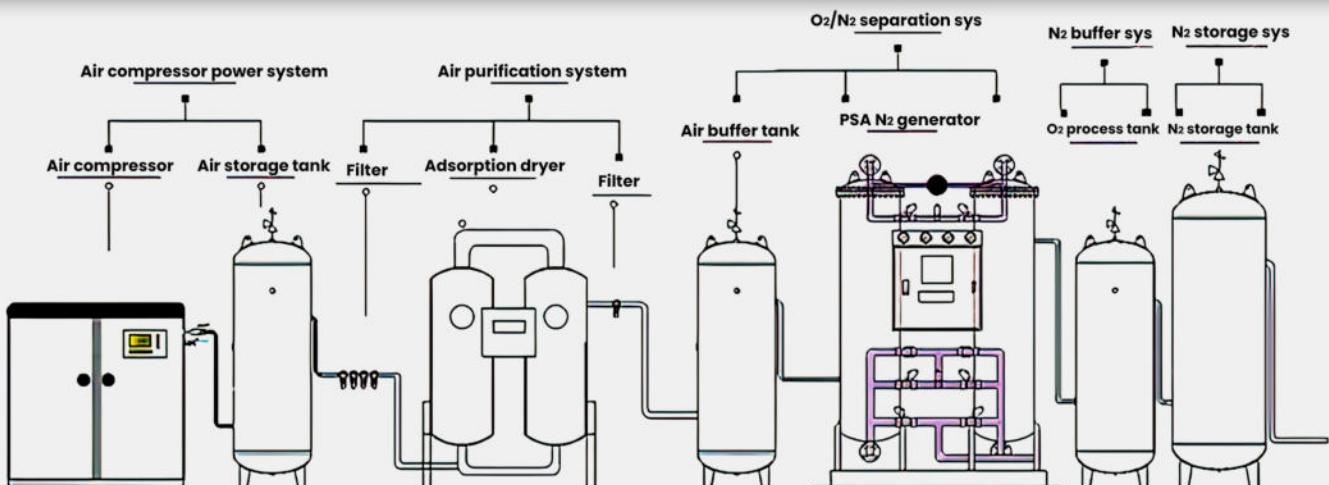
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

ANTI-OXIDATION PLATE INDUSTRY GENERATOR



Durable Construction



Energy-Efficient Operation



Safety Features



INTRODUCTION

Introducing our professional-grade Nitrogen Generator designed specifically for the Cold Plate Industry. With a flow rate of 50Nm³/hr and a stable purity of 99%, this generator ensures optimal performance and efficiency in your operations.

The primary feature of this Nitrogen Generator is its ability to provide a clean and anti-oxidation environment for your cold plate industry applications. By generating nitrogen with high purity levels, it effectively eliminates the presence of impurities and prevents oxidation, ensuring the integrity and longevity of your cold plates.

Our Nitrogen Generator is meticulously engineered to meet the stringent requirements of the industry, delivering a constant and reliable nitrogen supply. Its advanced technology guarantees stable purity levels, allowing you to maintain consistent performance and productivity in your operations.

With a professional tone of voice, we assure you that our Nitrogen Generator is built to the highest standards of quality and durability. It is designed to withstand the demanding conditions of the cold plate industry, providing you with a long-lasting and reliable solution.

Invest in our 50Nm³/hr 99% Stable Purity Cleaning Air Anti-oxidation Cold Plate Industry Usage Nitrogen Generator and experience enhanced efficiency, improved performance, and extended lifespan for your cold plate applications. Trust in our professional-grade equipment to elevate your operations to new heights.

ANTI-OXIDATION PLATE INDUSTRY GENERATOR

ARAKI

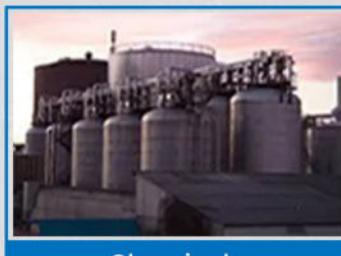
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy

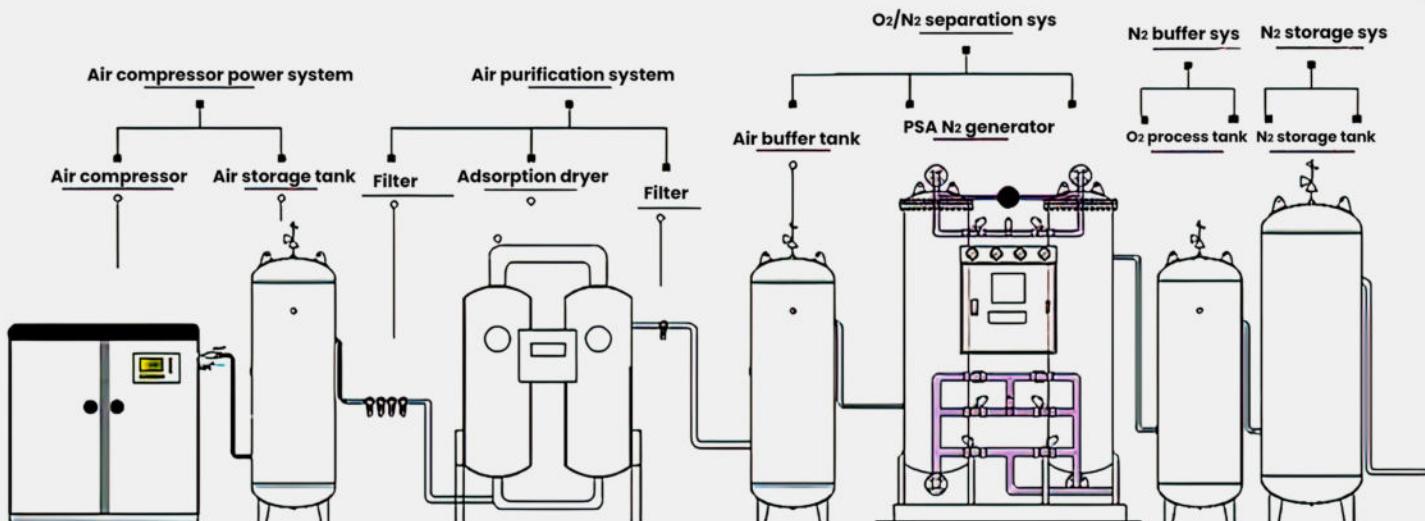


Pharmaceuticals

ANTI-OXIDATION PLATE INDUSTRY GENERATOR

ARAKI

PSA NITROGEN GENERATOR SYSTEM



BEER NITROGEN GENERATOR - HIGH PURITY



Durable Construction



Energy-Efficient Operation



Safety Features



INTRODUCTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

BEER NITROGEN GENERATOR - HIGH PURITY

ARAKI

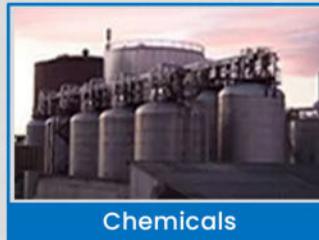
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
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Model	Intelligent
Mobile Way	Floor standing

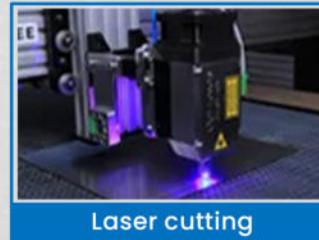
APPLICATION AREA



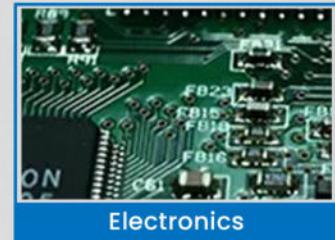
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

BEER NITROGEN GENERATOR - HIGH PURITY



Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

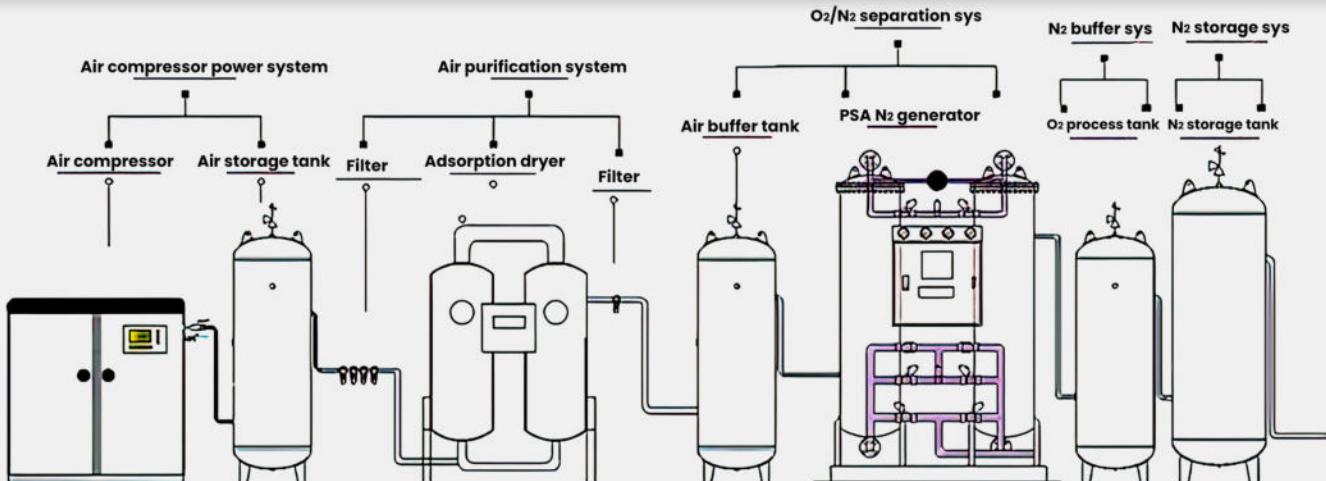
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

INDUSTRIAL FOOD NITROGEN MACHINE



INTRODUCTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

INDUSTRIAL FOOD NITROGEN MACHINE

ARAKI

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

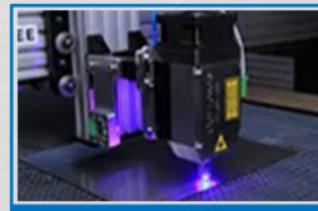
APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

INDUSTRIAL FOOD NITROGEN MACHINE

 ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

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2. Particularity of material

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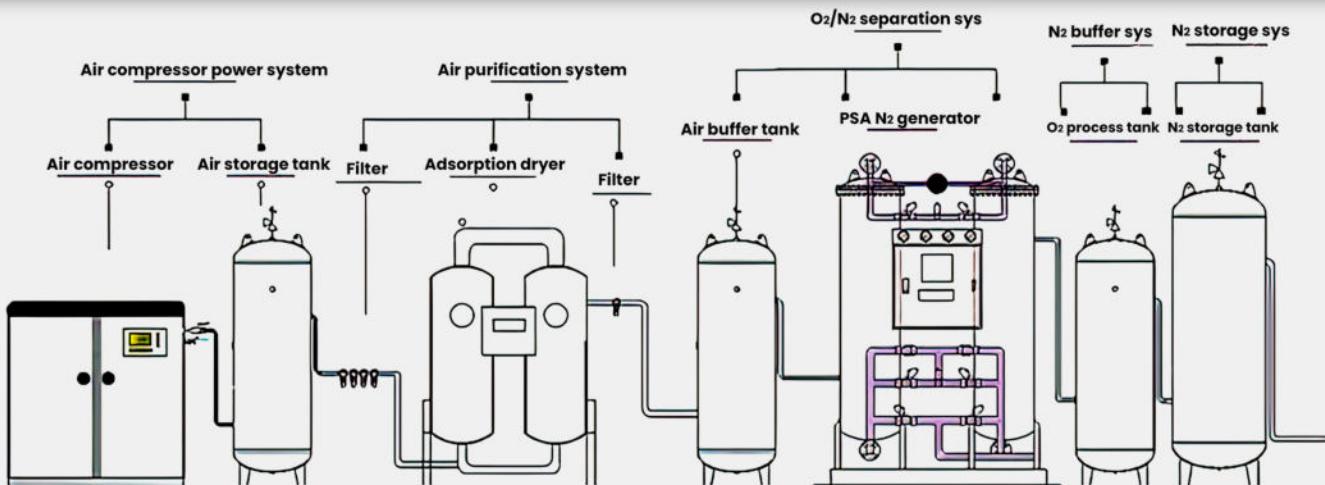
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PSA NITROGEN GENERATOR SYSTEM



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Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

HIGH PURITY PSA SYSTEM



INTRODUCTION

Introducing our 85Nm³/hr 99.999% High Purity On-site Efficient Hydrogen Energy Battery Industry PSA Nitrogen Generator. This cutting-edge product has been specifically designed to cater to the hydrogen energy battery industry's needs. With a professional tone of voice, we present to you the exceptional features of our nitrogen generator.

With a capacity of 85Nm³/hr, our generator ensures a steady and reliable supply of nitrogen, meeting the demands of the hydrogen energy battery industry. The high purity level of 99.999% guarantees the quality and consistency required for optimal performance in various applications.

Our on-site efficient nitrogen generator eliminates the need for external suppliers, saving both time and resources. By producing nitrogen on-site, you have full control over the production process, ensuring a continuous supply without any interruptions.

The PSA (Pressure Swing Adsorption) technology employed in our generator is renowned for its efficiency and effectiveness. This advanced technology allows for the separation of nitrogen from other gases, resulting in a pure and reliable nitrogen stream. The nitrogen produced can be used for a range of applications, including hydrogen energy battery production, ensuring optimal performance and longevity.

HIGH PURITY PSA SYSTEM

INTRODUCTION

Reliability and durability are key aspects of our nitrogen generator. Built with high-quality components and engineered to withstand demanding industrial environments, our generator guarantees long-lasting performance with minimal maintenance requirements.

In conclusion, our 85Nm³/hr 99.999% High Purity On-site Efficient Hydrogen Energy Battery Industry PSA Nitrogen Generator is the perfect solution for the hydrogen energy battery industry. With its exceptional features, including on-site production, high purity levels, and reliable performance, this generator ensures a continuous and efficient nitrogen supply for your specific needs. Trust in our professional-grade solution to enhance your operations and drive success in the hydrogen energy battery industry.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

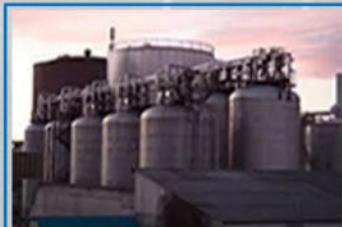
HIGH PURITY PSA SYSTEM

ARAKI

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass

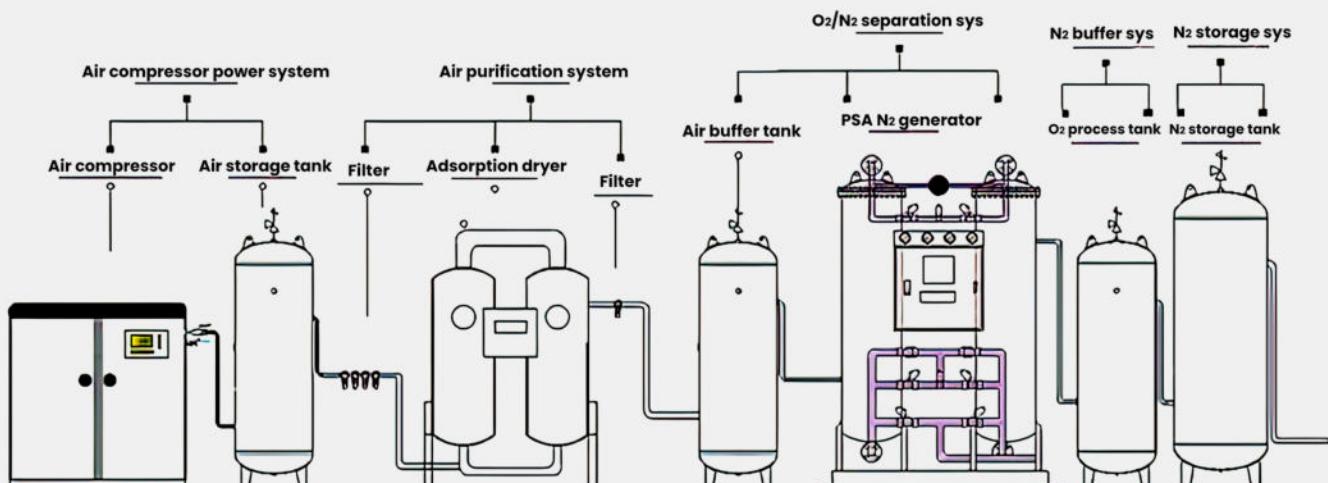


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



SAFE NITROGEN GENERATOR - INDUSTRIAL USE



Safety Features



Durable Construction



Energy-Efficient Operation



INTRODUCTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

SAFE NITROGEN GENERATOR - INDUSTRIAL USE

ARAKI

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
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Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



Oil & gas



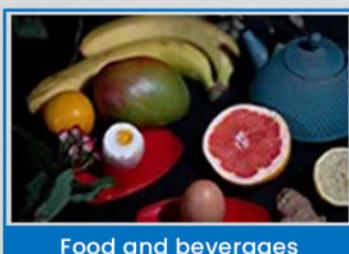
Chemical



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

SAFE NITROGEN GENERATOR - INDUSTRIAL USE

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

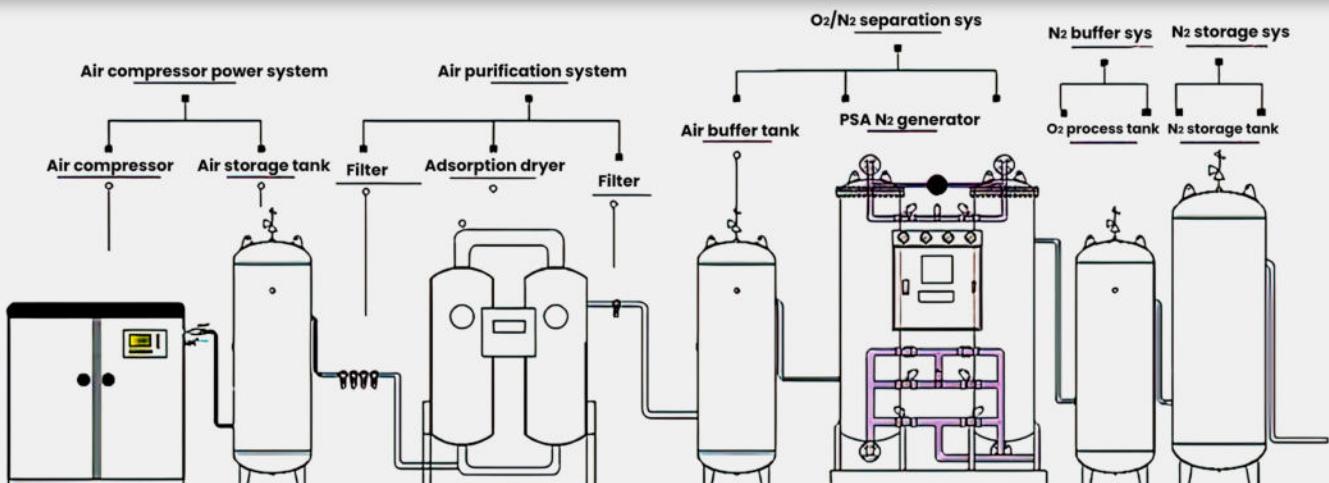
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

PSA GENERATOR FOR ALUMINIUM APPLICATIONS

 ARAKI



Safety Features



Durable Construction



Energy-Efficient Operation



INTRODUCTION

Introducing our 55Nm³/hr 99.999% High Purity Made-In-China Aluminium Industry PSA Industrial Nitrogen Generator. This cutting-edge product is specifically designed to cater to the needs of the aluminium industry, providing a reliable and efficient source of high purity nitrogen.

Crafted with utmost precision and expertise, our nitrogen generator boasts top-notch quality and performance. With a flow rate of 55Nm³/hr, it ensures a steady supply of nitrogen to meet the demands of your aluminium production process.

One of the standout features of this nitrogen generator is its exceptional purity level. With a purity of 99.999%, you can rest assured that your aluminium industry requirements for high purity nitrogen will be met with utmost precision and reliability. This purity level is crucial for maintaining the integrity and quality of your aluminium products.

Designed and manufactured in China, this nitrogen generator showcases the excellence and expertise of Chinese engineering. Our team of professionals has meticulously crafted this product to meet the highest industry standards, ensuring its durability and longevity.

PSA GENERATOR FOR ALUMINIUM APPLICATIONS

INTRODUCTION

The PSA (Pressure Swing Adsorption) technology incorporated in this nitrogen generator guarantees efficient operation and optimal performance. This advanced technology allows for the separation of nitrogen from the surrounding air, providing a continuous supply of nitrogen without the need for external sources.

With a professional tone of voice, we proudly present our 55Nm³/hr 99.999% High Purity Made-In-China Aluminium Industry PSA Industrial Nitrogen Generator. Trust in its reliability, efficiency, and exceptional purity to enhance your aluminium production process and elevate your business to new heights.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

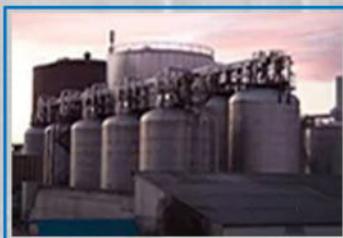
PSA GENERATOR FOR ALUMINIUM APPLICATIONS

ARAKI

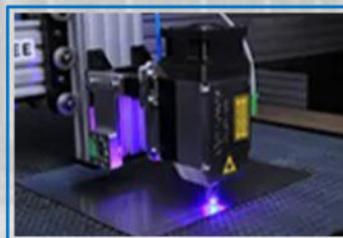
APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass

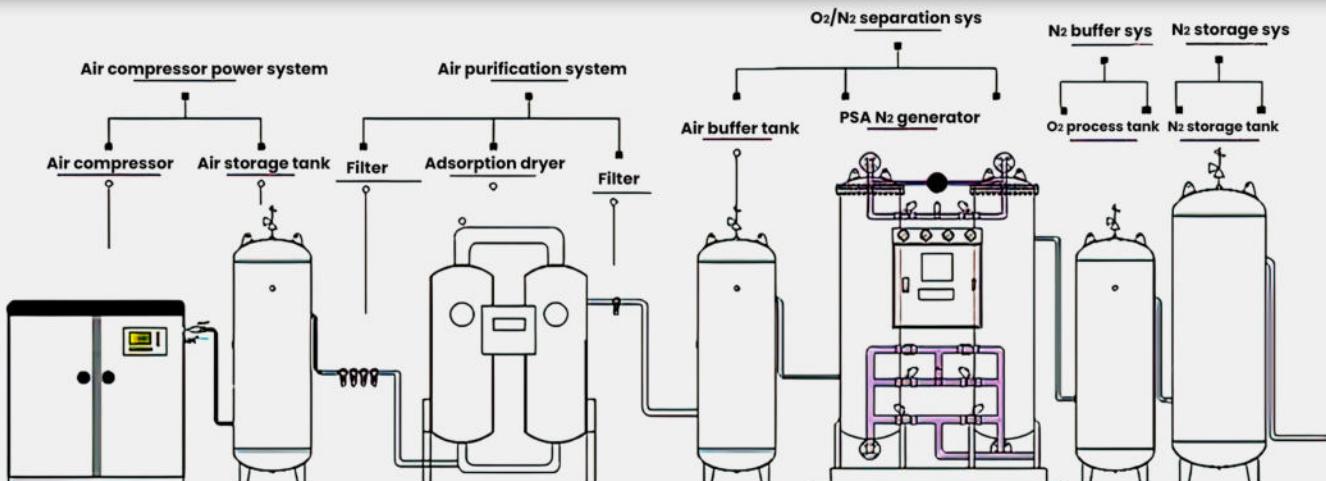


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



STABLE FLOW PSA NITROGEN FOR STEEL PLANT



Safety Features



Durable Construction



Energy-Efficient Operation



INTRODUCTION

Precision User-friendliness High Purity Stable Flow Rate Corrosion Resistance PSA Nitrogen Generator for Iron Steel Industry

Introducing our top-of-the-line 45Nm³/hr 99.999% High Purity Stable Flow Rate Iron Steel industry PSA Industrial Nitrogen Generator. Designed specifically for the demanding needs of the steel industry, this nitrogen generator is the perfect solution for ensuring a stable flow rate of high purity nitrogen.

With its advanced technology and precision engineering, this nitrogen generator is capable of producing nitrogen with a purity level of 99.999%. This high level of purity is essential for various applications in the iron and steel industry, such as purging, blanketing, and heat treatment processes.

One of the standout features of this nitrogen generator is its stable flow rate. The consistent and reliable flow of nitrogen is crucial for maintaining optimal conditions in steel production. With our nitrogen generator, you can rest assured that your operations will run smoothly and efficiently, without any interruptions or fluctuations in nitrogen supply.

The iron and steel industry requires equipment that can withstand harsh working conditions and deliver exceptional performance. Our nitrogen generator is built to meet these requirements. It is constructed with durable materials and equipped with advanced filtration systems to ensure the highest level of reliability and longevity.

STABLE FLOW PSA NITROGEN FOR STEEL PLANT



INTRODUCTION

In addition to its exceptional performance, this nitrogen generator is also designed with user-friendliness in mind. It features an intuitive control panel that allows for easy operation and monitoring of nitrogen production. With its automated functions and comprehensive safety features, you can trust that our nitrogen generator will provide a hassle-free experience.

Invest in our 45Nm³/hr 99.999% High Purity Stable Flow Rate Iron Steel industry PSA Industrial Nitrogen Generator and experience the benefits of a reliable and efficient nitrogen supply. Enhance your steel production processes with the highest quality nitrogen available in the market. Trust in our professional-grade equipment to meet and exceed your expectations.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

STABLE FLOW PSA NITROGEN FOR STEEL PLANT

ARAKI

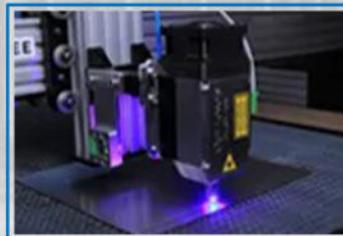
APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass

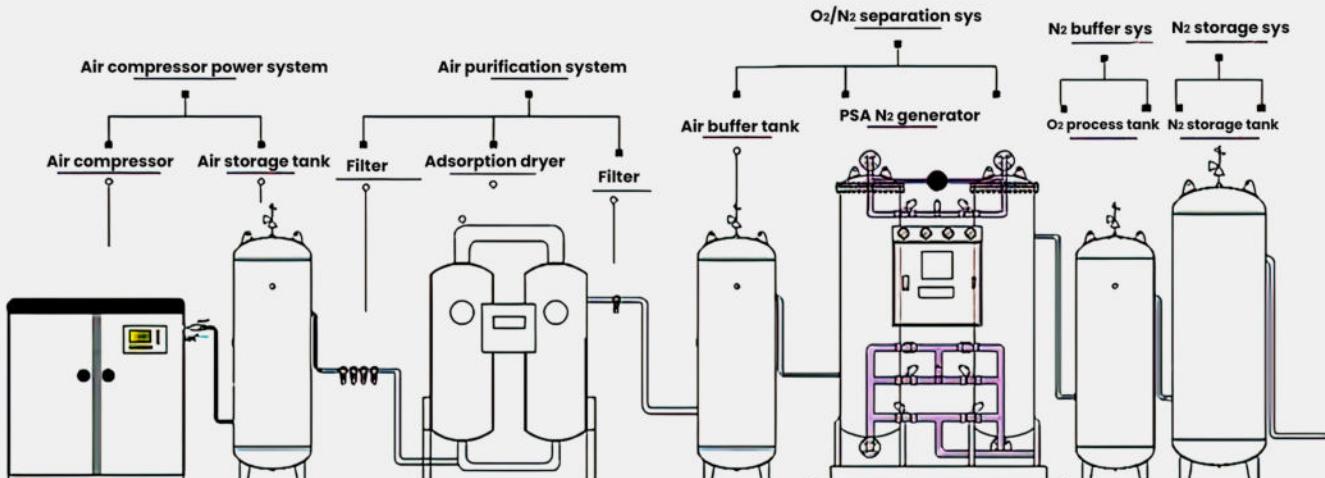


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



COMPACT BATCH PSA NITROGEN FOR STEEL PLANT



Durable Construction



Energy-Efficient Operation



Safety Features



DESCRIPTION

Introduction

Introducing our high-efficiency mobile container nitrogen generator designed specifically for laser cutting applications. With a production capacity of 60Nm³/hr and a purity level of 99.99%, this generator provides a reliable and high-purity nitrogen supply. Housed in a mobile container, it offers flexibility and easy transportation to various job sites.

Mobile Container Design

Our nitrogen generator comes in a mobile container design, ensuring convenience and flexibility in deployment and transportation. The container allows for easy mobility, making the nitrogen supply readily available wherever it's needed.

High Production Capacity

With a production capacity of 60Nm³/hr, our generator meets the demands of laser cutting processes that require a substantial nitrogen supply. The high production capacity ensures a consistent and reliable nitrogen flow, supporting efficient and uninterrupted laser cutting operations.

99.99% Nitrogen Purity

The nitrogen gas produced by our generator boasts a purity level of 99.99%, guaranteeing optimal performance and quality in laser cutting applications. This high level of purity reduces the risk of oxidation and delivers precise and clean cuts, enhancing overall cutting efficiency.

Efficient Nitrogen Generation

Our nitrogen generator is designed for high efficiency in nitrogen production, minimizing energy consumption and operating costs. The efficient nitrogen generation process ensures optimal performance while reducing environmental impact.

Advanced Control System

Equipped with an advanced control system, our generator allows for precise monitoring and adjustment of key parameters. This ensures optimal nitrogen purity and flow rate, contributing to overall cutting quality and efficiency.

Integrated Safety Features

To ensure safe operation during laser cutting processes, our generator is equipped with integrated safety features. Pressure relief valves and alarms are incorporated to protect personnel and equipment, providing peace of mind.

COMPACT BATCH PSA NITROGEN FOR STEEL PLANT

INTRODUCTION

Easy Installation and Operation

The mobile container design simplifies installation and operation, making it user-friendly and accessible even in remote locations. The generator is designed for easy setup, minimizing downtime and maximizing productivity.

Durable and Weather-Resistant Construction

The mobile container is constructed with durability and weather resistance in mind, allowing for operation in various environmental conditions. The robust construction ensures the generator's longevity and reliability, with minimal maintenance requirements.

Choose our 60Nm³/hr high-efficiency mobile container nitrogen generator for reliable and high-purity nitrogen supply in laser cutting applications. With its mobile container design, high production capacity, and efficient nitrogen generation, this generator offers flexibility and convenience. Benefit from the advanced control system, integrated safety features, and easy installation and operation. Contact us today to learn more about our mobile container nitrogen generator for laser cutting and enhance the quality and efficiency of your laser cutting processes.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

COMPACT BATCH PSA NITROGEN FOR STEEL PLANT

ARAKI

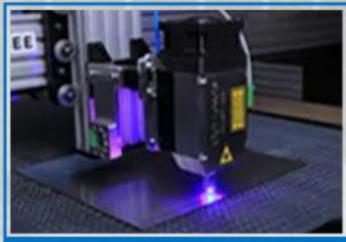
APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass

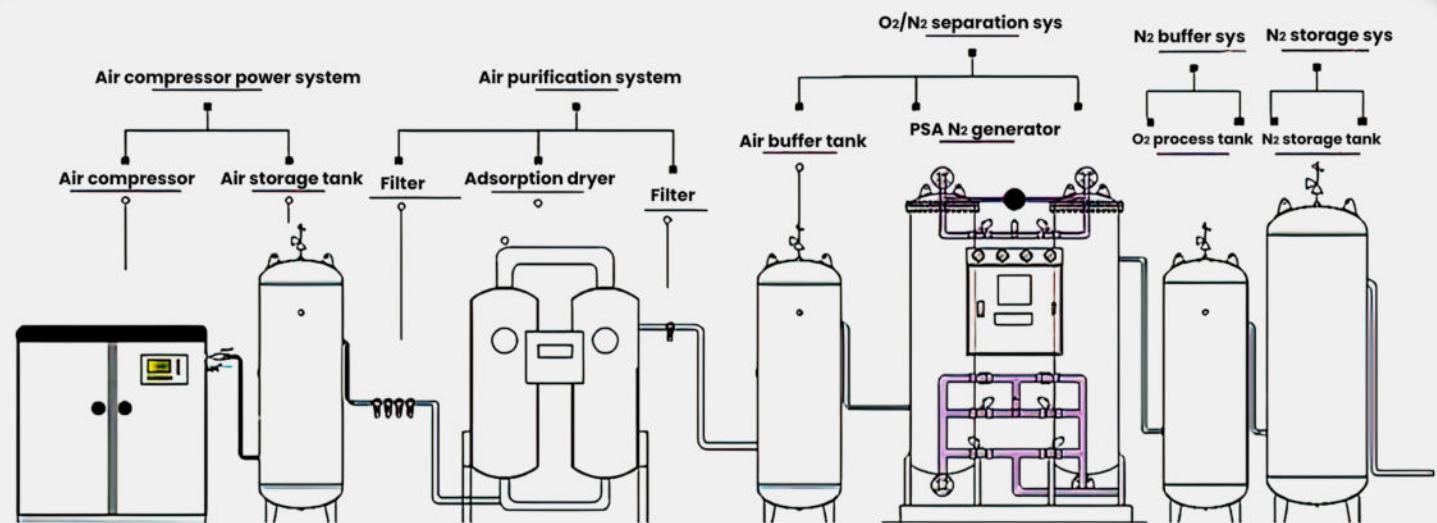


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



AIR SEPARATION NITROGEN GENERATOR



Safety Features



Durable Construction



Energy-Efficient Operation



INTRODUCTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

AIR SEPARATION NITROGEN GENERATOR

ARAKI

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



Oil & gas



Chemical



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

AIR SEPARATION NITROGEN GENERATOR

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

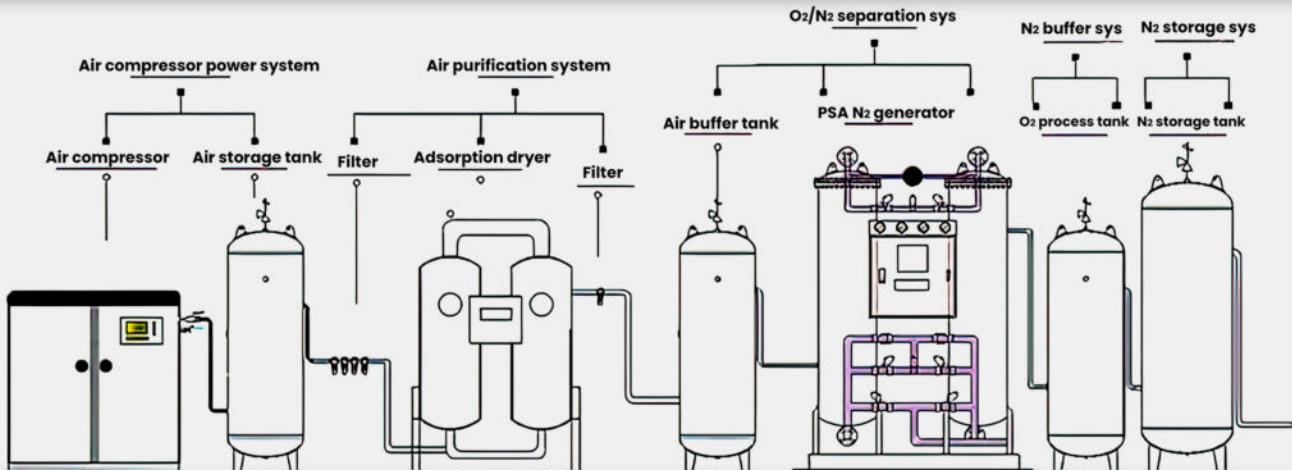
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

PSA SYSTEM FOR GLASS INDUSTRY



Safety Features



Durable Construction



Energy-Efficient Operation



DESCRIPTION

Introducing our top-of-the-line 40Nm³/hr 99.9% Factory Direct Production Edible Oil Storage Food Level Nitrogen Generator. Designed with utmost precision and manufactured using the latest technology, this nitrogen generator is the perfect solution for your edible oil storage needs.

With a capacity of 40Nm³/hr, this nitrogen generator guarantees a continuous and reliable supply of high-purity nitrogen, ensuring the preservation and quality of your edible oil. Its factory direct production ensures that you receive a product of the highest standards, eliminating any middlemen and providing you with the best value for your investment.

The key feature of this nitrogen generator is its ability to maintain a food level purity of 99.9%. This ensures that your edible oil remains free from any contaminants or impurities, extending its shelf life and preserving its taste and nutritional value. You can trust this nitrogen generator to deliver consistent and pure nitrogen, meeting the strictest food industry standards.

Not only does this nitrogen generator provide exceptional performance, but it also boasts a professional and sleek design. Its compact size allows for easy installation and integration into your existing edible oil storage system. Additionally, its user-friendly interface ensures effortless operation and maintenance, making it an ideal choice for businesses of all sizes.

Invest in our 40Nm³/hr 99.9% Factory Direct Production Edible Oil Storage Food Level Nitrogen Generator and experience the benefits of reliable nitrogen supply for your edible oil storage. With its professional and high-quality design, this nitrogen generator is a must-have for any food processing facility or edible oil storage facility. Trust in our product to safeguard the quality and longevity of your edible oil.

PSA SYSTEM FOR GLASS INDUSTRY

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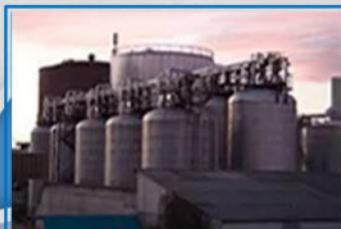
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

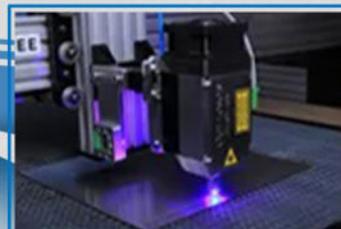
APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass



Metallurgy

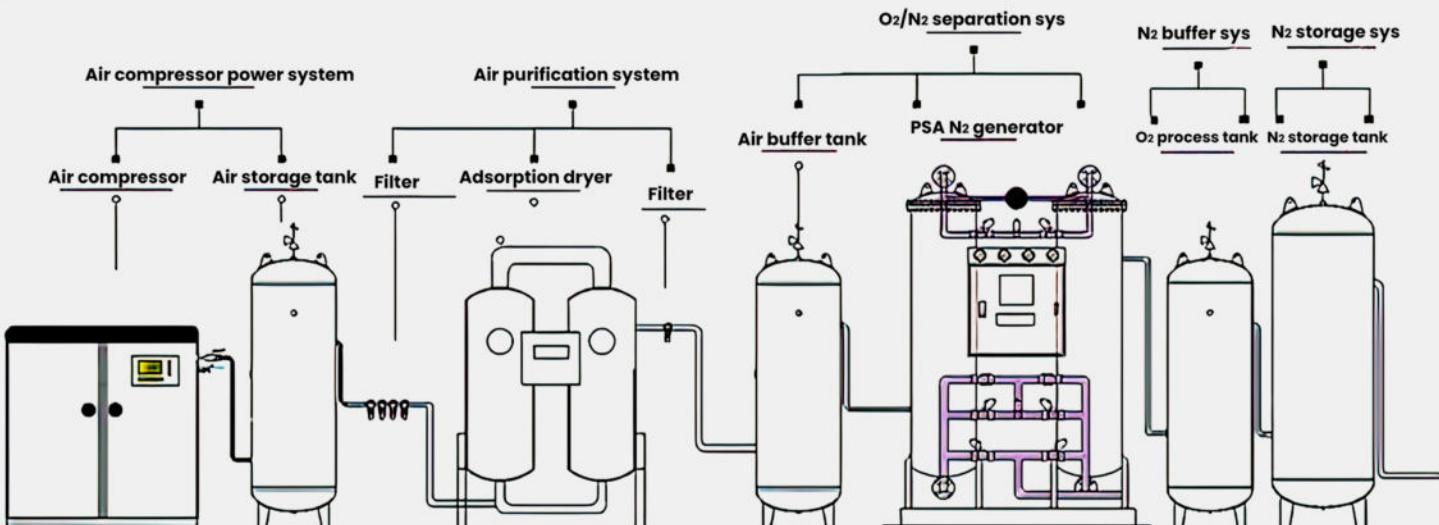


Pharmaceuticals

PSA SYSTEM FOR GLASS INDUSTRY

ARAKI

PSA NITROGEN GENERATOR SYSTEM



LASER USE CONTAINER NITROGEN GENERATOR



Safety Features



Durable Construction



Energy-Efficient Operation



INTRODUCTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

LASER USE CONTAINER NITROGEN GENERATOR

ARAKI

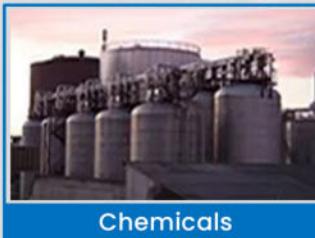
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
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Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



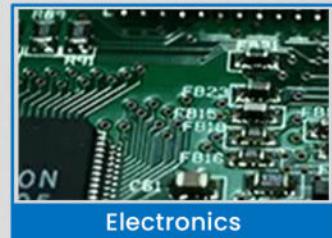
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

LASER USE CONTAINER NITROGEN GENERATOR

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

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2. Particularity of material

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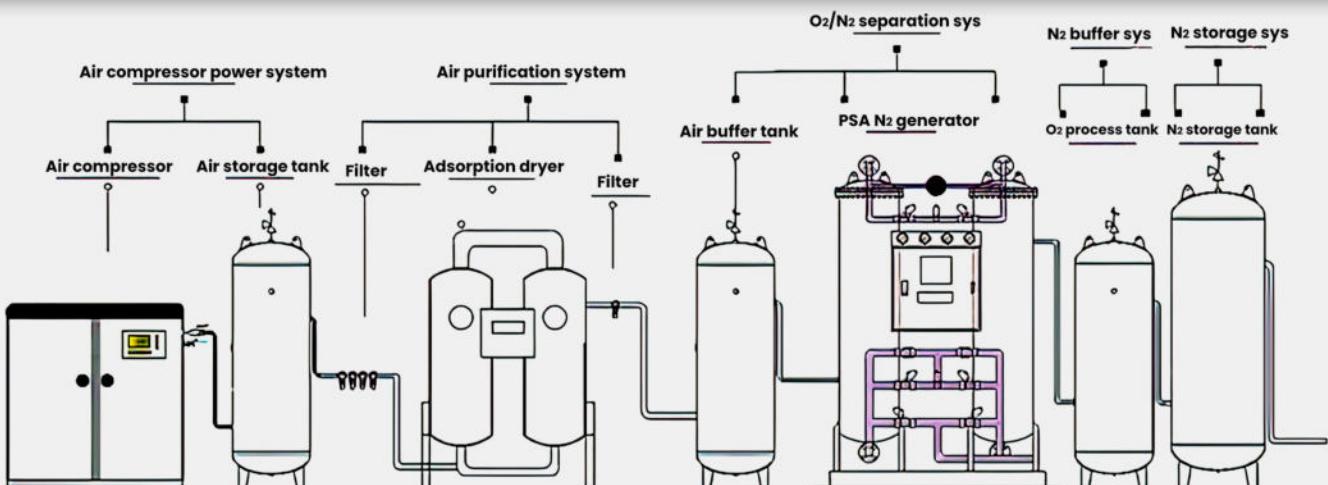
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

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Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

SMART ENERGY- SAVING PSA NITROGEN GENERATOR



Safety Features



Durable Construction



Energy-Efficient Operation



INTRODUCTION

Custom Cost-effective Reliable Precision Sustainable High Purity PSA Nitrogen Generator for Photovoltaic Industry

Introducing our latest addition to the nitrogen generation industry, the 90Nm³/hr 99.999% Factory Direct Production Nitrogen Plant specifically designed for the Photovoltaic Industry. This cutting-edge PSA Nitrogen Generator is engineered to meet the high demands of the industry while ensuring top-notch performance and reliability.

With the rapidly growing Photovoltaic Industry, the need for a consistent and reliable nitrogen supply has become paramount. Our Nitrogen Plant offers a robust solution, producing nitrogen of exceptional purity at a rate of 90Nm³/hr. This ensures a steady and uninterrupted nitrogen supply, allowing your operations to run smoothly and efficiently.

One of the key features of our Nitrogen Plant is its ability to deliver nitrogen with a purity level of 99.999%. This level of purity is crucial in the Photovoltaic Industry, where even the slightest impurities can have a detrimental impact on the quality and efficiency of the production process. Our nitrogen generator guarantees a highly pure nitrogen stream, meeting the stringent requirements of the industry.

As a Factory Direct Production unit, our Nitrogen Plant offers numerous advantages. By eliminating intermediaries, we can provide you with a competitive pricing structure without compromising on the quality of the product. Additionally, our direct production approach ensures a streamlined manufacturing process, resulting in shorter lead times and prompt delivery of your nitrogen generator.

SMART ENERGY- SAVING PSA NITROGEN GENERATOR



INTRODUCTION

We understand the importance of professionalism in the business world, and our product description reflects just that. Our team of experts has meticulously crafted this description to convey the technical details and features of our Nitrogen Plant in a clear and concise manner. We aim to provide you with all the necessary information you need to make an informed decision about incorporating our product into your Photovoltaic Industry operations.

In conclusion, our 90Nm³/hr 99.999% Factory Direct Production Nitrogen Plant is the ideal solution for the ever-growing demands of the Photovoltaic Industry. With its exceptional purity levels and reliable performance, this PSA Nitrogen Generator will undoubtedly enhance your operations and contribute to the success of your business. Trust in our professionalism and expertise to deliver a top-quality product that exceeds your expectations.

Nitrogen Generator Specification

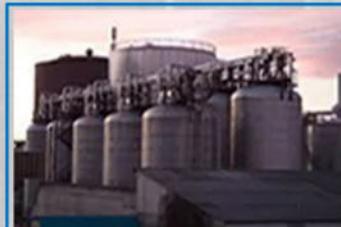
Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

SMART ENERGY- SAVING PSA NITROGEN GENERATOR

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass

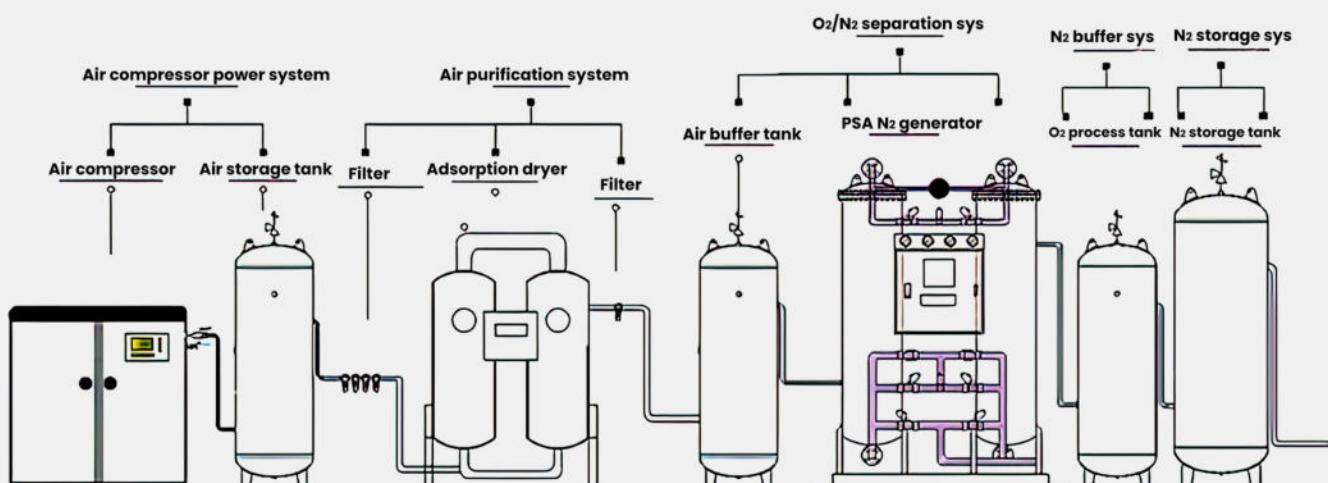


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



CABLE INDUSTRY PSA NITROGEN PLANT

ARAKI



Safety Features



Energy-Efficient Operation



Durable Construction



INTRODUCTION

Introducing our 60Nm³/hr 99.999% Container Installation Mobile High-Efficient Cable Industry PSA Industrial Nitrogen. This top-of-the-line nitrogen generator is specifically designed to cater to the needs of the cable industry. With its advanced features and professional-grade performance, it is the perfect solution for your nitrogen requirements.

Our nitrogen generator boasts a remarkable capacity of 60Nm³/hr, ensuring a steady and reliable supply of high-purity nitrogen. With a purity level of 99.999%, you can trust that the nitrogen produced by this generator meets the strictest industry standards.

What sets our nitrogen generator apart is its container installation mobile design. This feature allows for easy transportation and installation, providing flexibility and convenience for your operations. Whether you need nitrogen on-site or at different locations, our generator can be effortlessly moved and set up to meet your specific requirements.

Furthermore, our nitrogen generator is highly efficient, ensuring optimal performance while minimizing energy consumption. This not only translates to cost savings but also reduces the environmental impact, making it an eco-friendly choice for your cable industry needs.

Investing in our PSA industrial nitrogen generator means investing in reliability, efficiency, and professionalism. Trust us to deliver a product that meets the highest standards, providing you with the nitrogen necessary for the smooth operation of your cable industry processes.

CABLE INDUSTRY PSA NITROGEN PLANT

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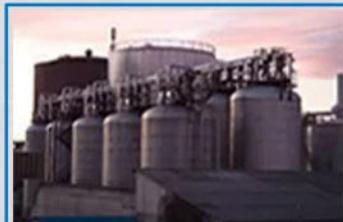
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

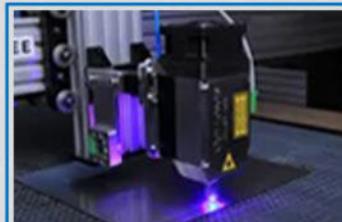
APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy

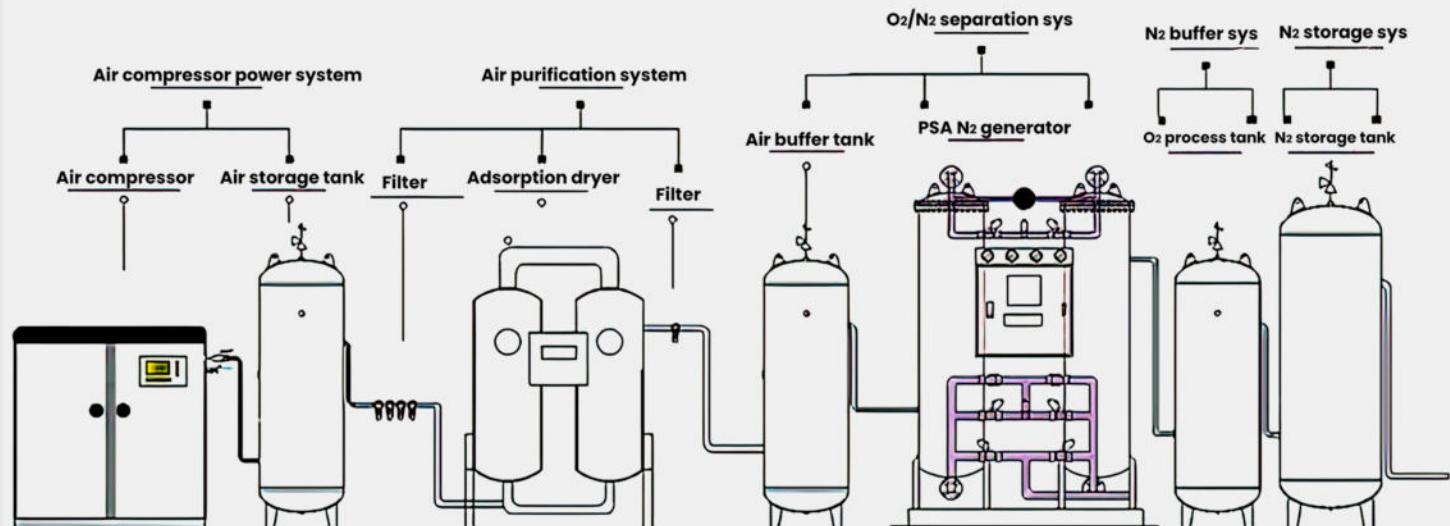


Pharmaceuticals

CABLE INDUSTRY PSA NITROGEN PLANT

ARAKI

PSA NITROGEN GENERATOR SYSTEM



PSA NITROGEN FOR TIRE INFLATION

ARAKI



INTRODUCTION

Durable PSA Nitrogen Generator for Automotive Industry

Introducing our state-of-the-art 10Nm³/hr 95% High Efficient Safe Fast Filling Tire Inflation PSA Industrial Nitrogen Generator. Designed for industrial applications, this nitrogen generator offers unparalleled performance and reliability.

With its advanced technology, this generator ensures a high level of efficiency, allowing for fast and safe tire inflation. Say goodbye to lengthy wait times and hello to increased productivity.

Our nitrogen generator boasts a 95% purity level, guaranteeing optimal tire inflation results. This high purity level ensures improved tire performance, longer tire life, and enhanced fuel efficiency. Your customers will notice the difference on the road.

Safety is our top priority, and this generator is no exception. Built with robust safety features, you can have peace of mind knowing that your tire inflation process is secure and worry-free. Protect your employees and your equipment with our reliable and trustworthy nitrogen generator.

Experience the convenience of fast filling with our industrial nitrogen generator. No more wasted time waiting for tires to inflate. This generator is designed to provide quick and efficient tire inflation, allowing you to maximize your productivity and get back to work in no time.

Invest in our 10Nm³/hr 95% High Efficient Safe Fast Filling Tire Inflation PSA Industrial Nitrogen Generator and witness the difference it can make in your operations. Trust in our professional-grade equipment to deliver exceptional results every time.

Safety Features



Durable Construction



Energy-Efficient Operation



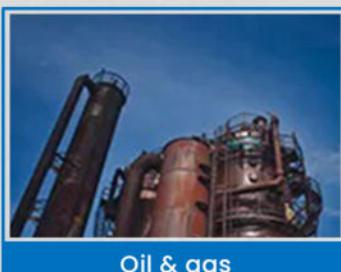
PSA NITROGEN FOR TIRE INFLATION

ARAKI

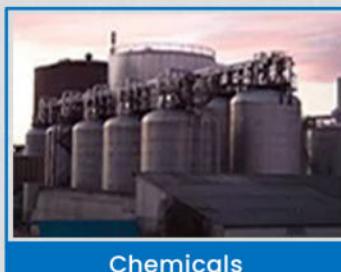
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy

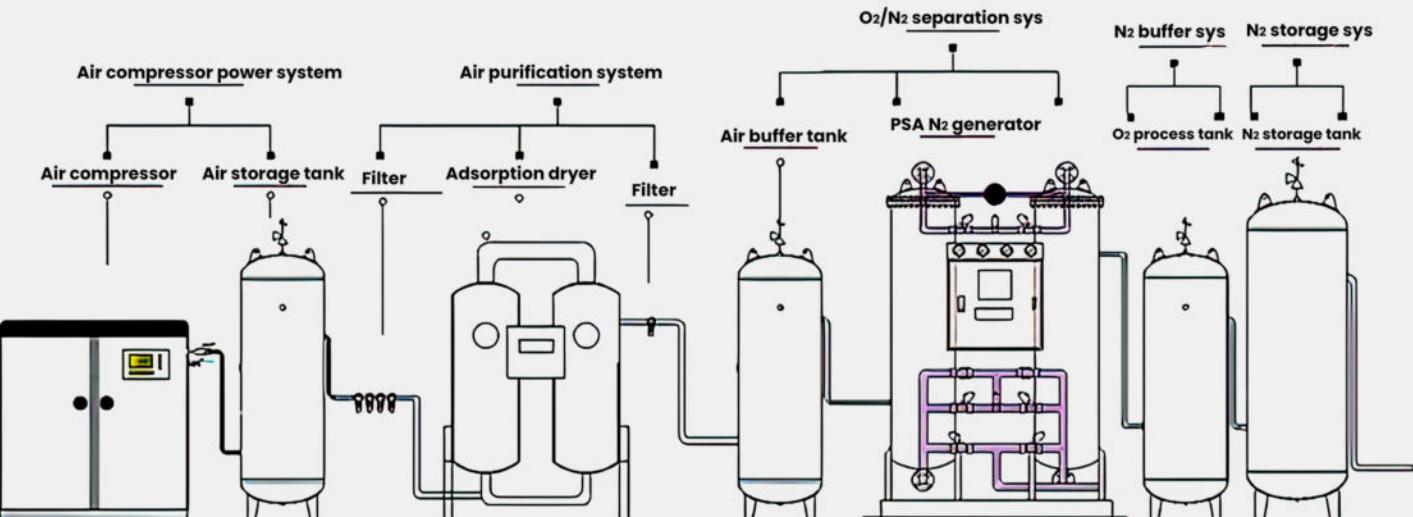


Pharmaceuticals

PSA NITROGEN FOR TIRE INFLATION

ARAKI

PSA NITROGEN GENERATOR SYSTEM



ENERGY EFFICIENT TIRE NITROGEN GENERATOR

ARAKI



Energy-Efficient
Operation



Durable
Construction



Safety
Features



INTRODUCTION

Introducing our high-performance and energy-saving Grain Depot Industrial PSA Nitrogen Generator, capable of producing 90Nm³/hr of 99.9% dry air fast. This state-of-the-art nitrogen generator is designed to meet the specific needs of grain depots, ensuring optimal storage conditions for your valuable grain produce.

With its efficient PSA (Pressure Swing Adsorption) technology, this nitrogen generator guarantees a reliable and continuous supply of high-purity nitrogen. The advanced filtration system ensures that the generated nitrogen is free from moisture and impurities, maintaining the quality and freshness of your grains.

Our Grain Depot Industrial PSA Nitrogen Generator operates with utmost precision, providing precise control over the nitrogen purity levels. This ensures that your grains are protected from oxidation, spoilage, and insect infestation, extending their shelf life and preserving their nutritional value.

In addition to its exceptional performance, our nitrogen generator is designed with energy-saving features. By optimizing the nitrogen production process, it minimizes energy consumption, resulting in significant cost savings for your grain depot operations.

We understand the importance of maintaining a professional and reliable image in your industry. That's why our Grain Depot Industrial PSA Nitrogen Generator is built with top-quality materials and adheres to the highest industry standards. Its robust construction ensures long-lasting durability, minimizing downtime and maximizing productivity.

ENERGY EFFICIENT TIRE NITROGEN GENERATOR

ARAKI

INTRODUCTION

We understand the importance of professionalism in the business world, and our product description reflects just that. Our team of experts has meticulously crafted this description to convey the technical details and features of our Nitrogen Plant in a clear and concise manner. We aim to provide you with all the necessary information you need to make an informed decision about incorporating our product into your Photovoltaic Industry operations.

In conclusion, our 90Nm³/hr 99.999% Factory Direct Production Nitrogen Plant is the ideal solution for the ever-growing demands of the Photovoltaic Industry. With its exceptional purity levels and reliable performance, this PSA Nitrogen Generator will undoubtedly enhance your operations and contribute to the success of your business. Trust in our professionalism and expertise to deliver a top-quality product that exceeds your expectations.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
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Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

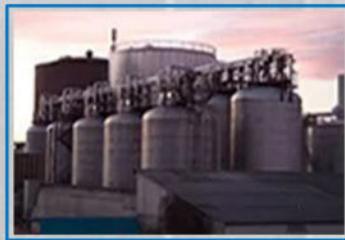
ENERGY EFFICIENT TIRE NITROGEN GENERATOR

ARAKI

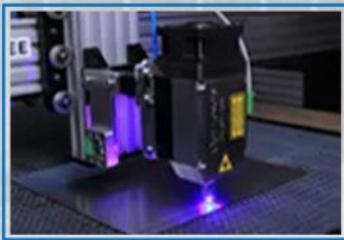
APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass

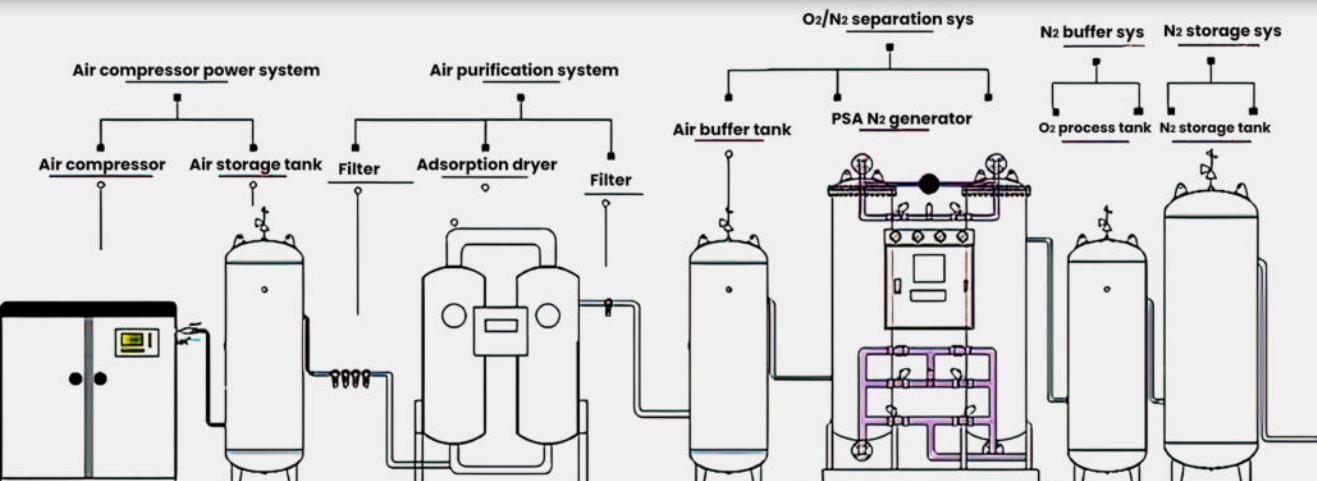


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



LARGE SCALE PSA NITROGEN UNIT



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

Durable PSA Nitrogen Generator for Copper Industry

Introducing our state-of-the-art 50Nm³/hr 99.999% Purging Application Automatic Efficient Copper Industry PSA Industrial Nitrogen Generator. Designed specifically for the copper industry, this cutting-edge nitrogen generator offers unparalleled performance and efficiency.

With its advanced technology and precision engineering, our nitrogen generator ensures a constant and reliable supply of high-purity nitrogen gas. This is crucial for various applications in the copper industry, such as purging, blanketing, and inerting processes.

The key feature that sets our nitrogen generator apart is its ability to efficiently produce nitrogen gas with a purity level of 99.999%. This exceptional purity ensures optimal performance and reliability, meeting the stringent requirements of the copper industry.

Thanks to its automatic operation, our nitrogen generator eliminates the need for manual intervention, allowing for seamless and uninterrupted nitrogen production. This not only saves valuable time but also reduces labor costs, making it a cost-effective solution for your copper industry needs.

Furthermore, our nitrogen generator utilizes the Pressure Swing Adsorption (PSA) technology, which maximizes nitrogen production while minimizing energy consumption. This makes it an environmentally friendly choice, reducing your carbon footprint and contributing to sustainable operations.

Investing in our 50Nm³/hr 99.999% Purging Application Automatic Efficient Copper Industry PSA Industrial Nitrogen Generator means investing in reliability, efficiency, and productivity for your copper industry operations. Experience the difference of a professional-grade nitrogen generator that meets the highest industry standards.

LARGE SCALE PSA NITROGEN UNIT

ARAKI

DESCRIPTION

Trust our expertise and let our nitrogen generator revolutionize your copper industry processes. Contact us today to learn more about this exceptional product and how it can benefit your operations.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

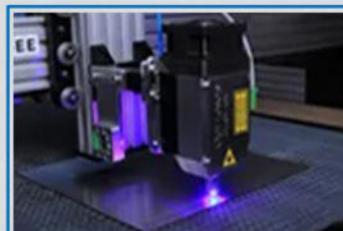
APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass



Metallurgy

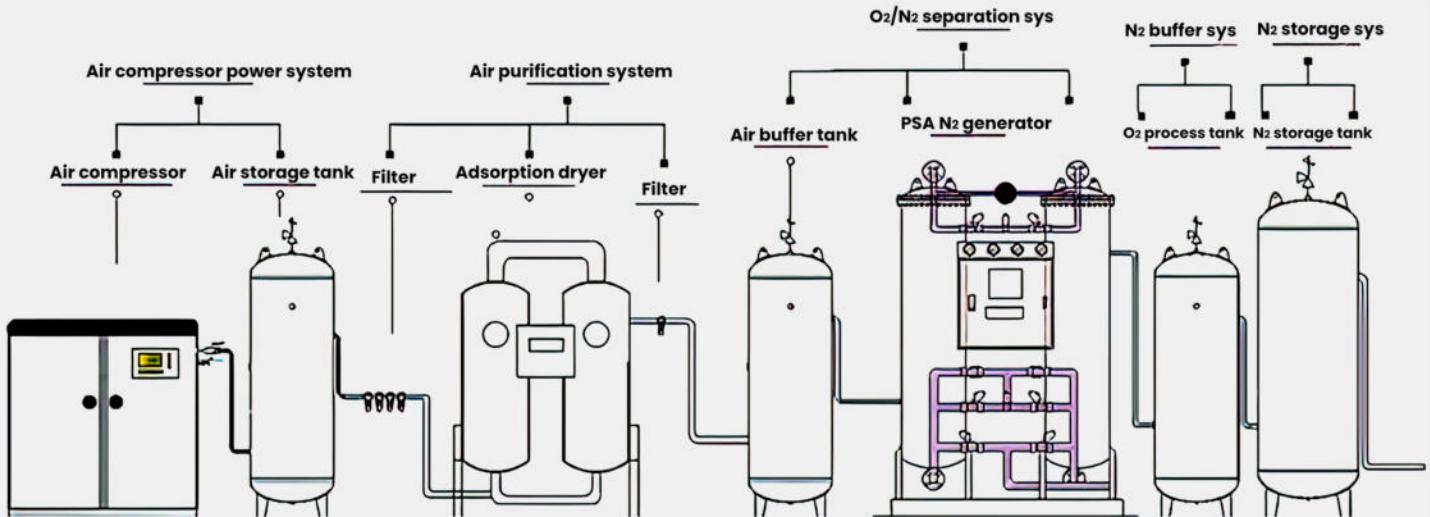


Pharmaceuticals

LARGE SCALE PSA NITROGEN UNIT

ARAKI

PSA NITROGEN GENERATOR SYSTEM



CE CERTIFIED NITROGEN PRODUCTION EQUIPMENT



Energy-Efficient
Operation



Durable
Construction



Safety
Features



DESCRIPTION

Introducing our high-efficient 30Nm³/hr 98% Pure Nitrogen Purging Process Nitrogen Generator, specially designed for the 3D printing industry. This professional-grade nitrogen generator is a must-have for any industrial setting seeking top-notch performance and reliability.

With its advanced technology and precision engineering, our nitrogen generator ensures a consistent and reliable supply of 98% pure nitrogen, meeting the stringent requirements of the 3D printing industry. This high-purity nitrogen is essential for purging processes, providing a controlled and oxygen-free environment, ultimately enhancing the quality and efficiency of your 3D printing operations.

Equipped with cutting-edge features, our nitrogen generator stands out from the competition. Its high-efficiency design guarantees optimal nitrogen production, minimizing energy consumption and reducing operating costs. This not only translates into significant savings for your business but also contributes to a more sustainable and eco-friendly production process.

Furthermore, our nitrogen generator boasts a user-friendly interface, allowing for easy operation and monitoring. Its compact size and robust construction make it suitable for both small-scale and large-scale 3D printing facilities, ensuring seamless integration into your existing setup.

Investing in our 30Nm³/hr 98% Pure Nitrogen Purging Process Nitrogen Generator means investing in the success and growth of your 3D printing business. Experience the benefits of enhanced print quality, increased productivity, and improved cost-efficiency with our reliable and efficient nitrogen generator.

Choose professionalism. Choose reliability. Choose our high-efficient 3D printing industry nitrogen generator.

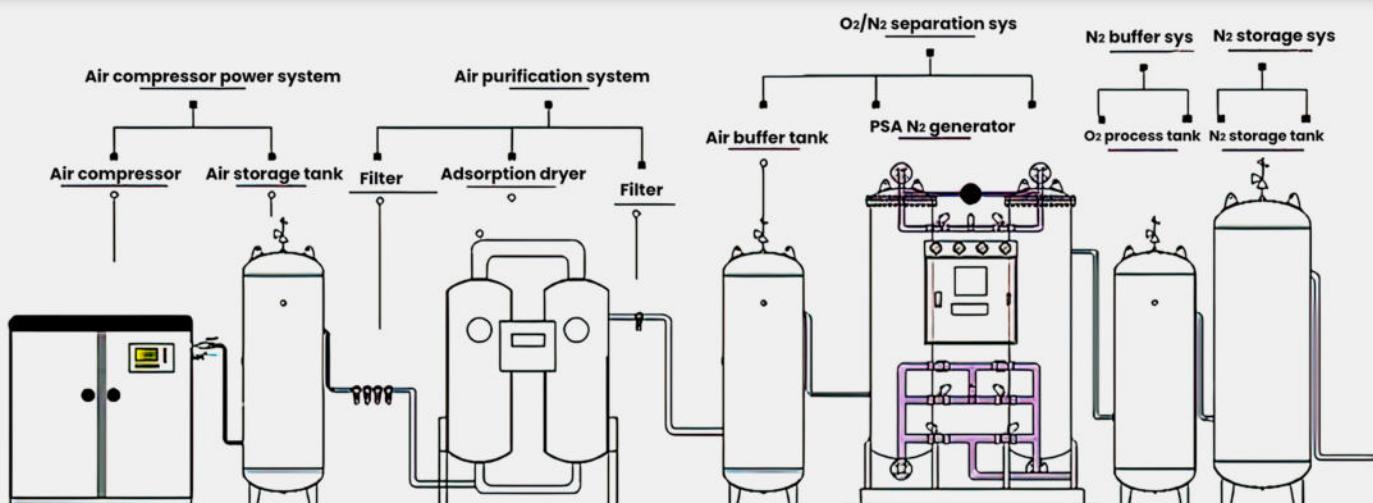
CE CERTIFIED NITROGEN PRODUCTION EQUIPMENT

ARAKI

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

PSA NITROGEN GENERATOR SYSTEM



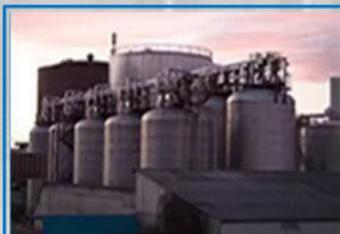
CE CERTIFIED NITROGEN PRODUCTION EQUIPMENT

ARAKI

APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass



Metallurgy



Pharmaceuticals

PSA NITROGEN SYSTEM - ENERGY SAVING



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

Easy Installation High-efficient Precision Compact Skid-mount Nitrogen Generator for Beer Industry

Introducing our high-quality and professional-grade Beer Nitrogen Generator, designed to meet all your brewing needs. With a capacity of 20Nm³/hr and an impressive purity level of 99.5%, this skid-mounted generator guarantees exceptional performance and reliability.

One of the standout features of our Beer Nitrogen Generator is its ease of installation. Designed with convenience in mind, this generator can be quickly and effortlessly set up, saving you valuable time and effort. Whether you're a small microbrewery or a large-scale production facility, our generator offers a hassle-free solution to enhance your brewing process.

Not only does our Beer Nitrogen Generator provide easy installation, but it also boasts high efficiency. With its advanced technology and superior design, this generator ensures optimal nitrogen production, resulting in enhanced beer quality and taste. Say goodbye to inconsistent carbonation levels and hello to perfectly carbonated brews every time.

In addition to its exceptional performance, our Beer Nitrogen Generator is built to last. Crafted with the highest quality materials and precision engineering, this generator offers long-lasting durability and reliability. You can trust that our generator will consistently deliver top-notch nitrogen supply, allowing you to focus on what matters most – brewing the perfect pint.

Invest in our 20Nm³/hr 99.5% Skid Mounting Easy Installation High-efficient Beer Nitrogen Generator and elevate your brewing game to new heights. Experience the difference in quality, efficiency, and convenience that our generator brings to your brewery. Trust in our professional-grade equipment to take your beer production to the next level.

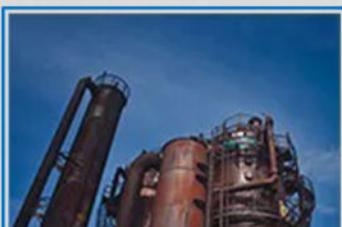
PSA NITROGEN SYSTEM - ENERGY SAVING

ARAKI

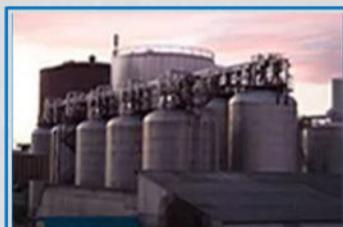
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass



Metallurgy

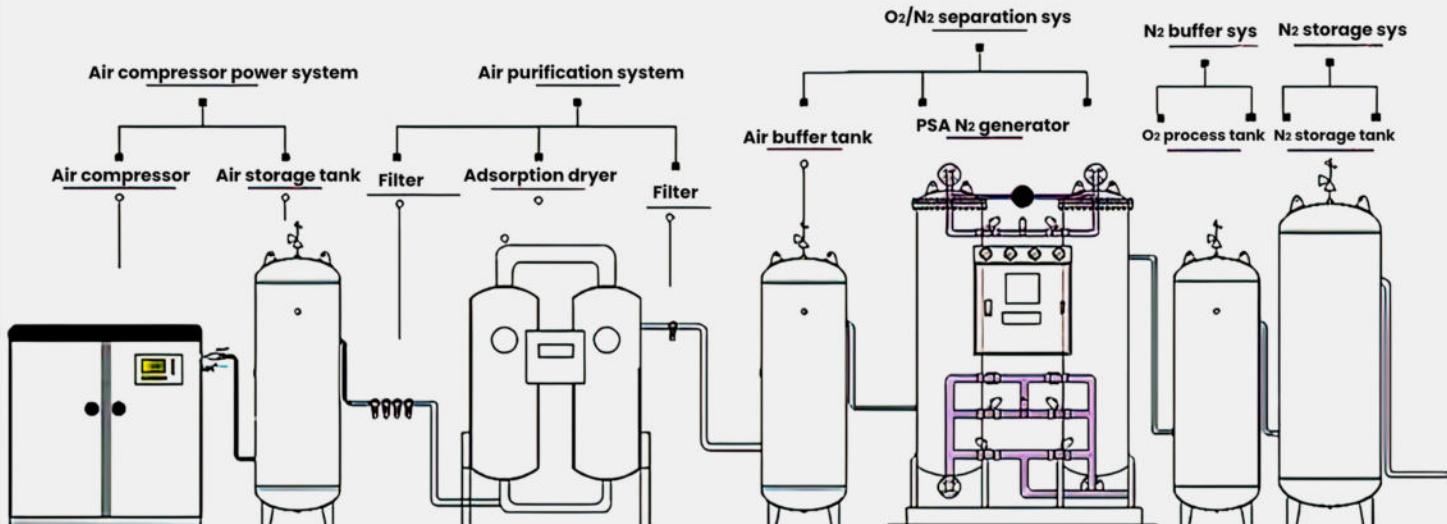


Pharmaceuticals

PSA NITROGEN SYSTEM - ENERGY SAVING

ARAKI

PSA NITROGEN GENERATOR SYSTEM



ULTRA HIGH PURITY NITROGEN PSA GENERATOR



Energy-Efficient Operation



Durable Construction



Safety Features



INTRODUCTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

ULTRA HIGH PURITY NITROGEN PSA GENERATOR

ARAKI

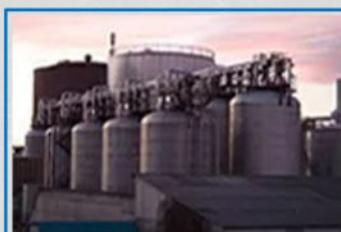
Nitrogen Generator Specification

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Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
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Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

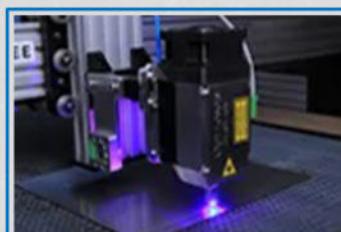
APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy

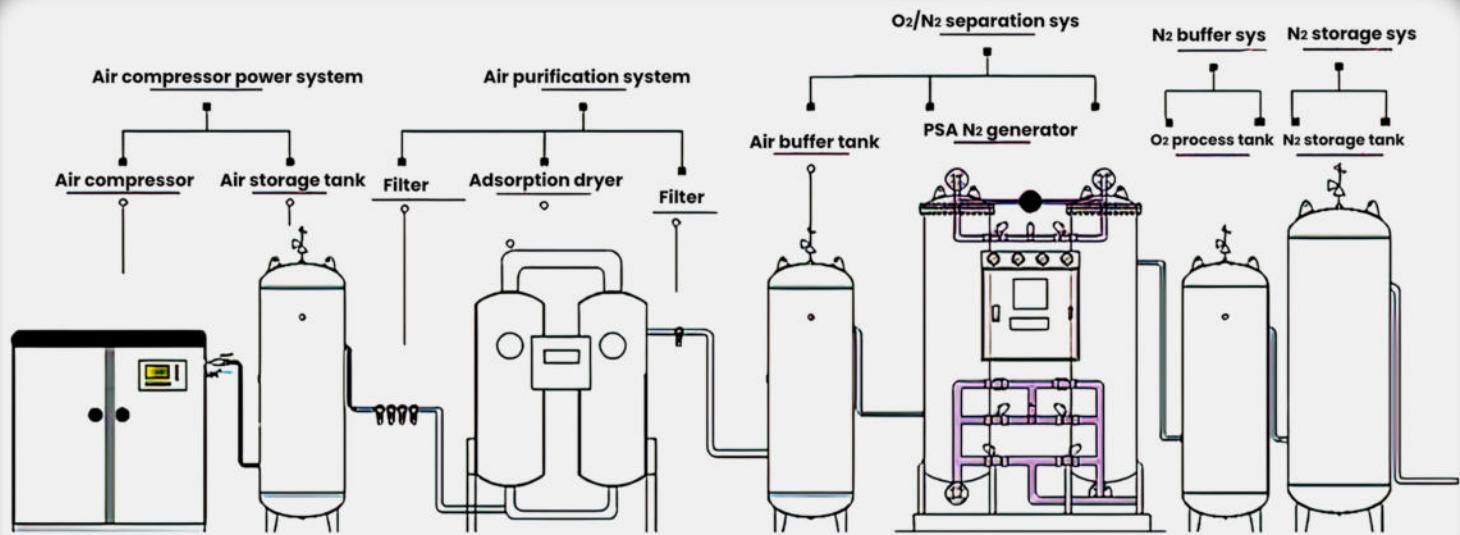


Pharmaceuticals

ULTRA HIGH PURITY NITROGEN PSA GENERATOR

ARAKI

PSA NITROGEN GENERATOR SYSTEM



NITROGEN GENERATOR EQUIPMENT MANUFACTURER

ARAKI



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

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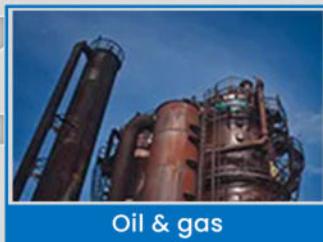
NITROGEN GENERATOR EQUIPMENT MANUFACTURER

ARAKI

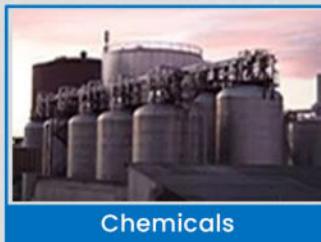
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
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Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

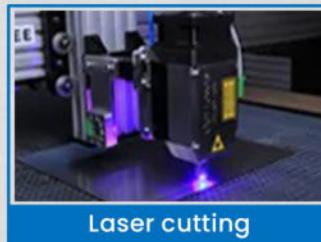
APPLICATION AREA



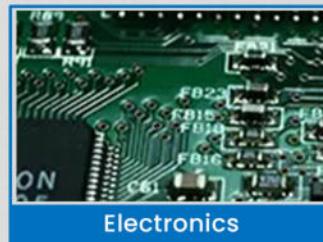
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

NITROGEN GENERATOR EQUIPMENT MANUFACTURER

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

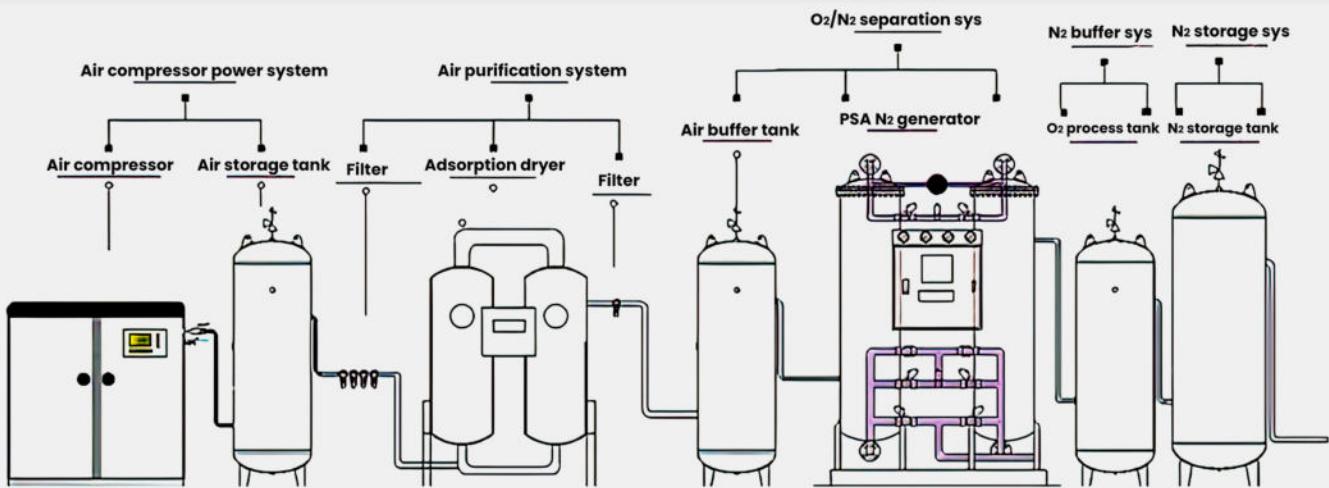
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

BEER APPLICATION HIGH PURITY NITROGEN SYSTEM

ARAKI



Safety Features



Durable Construction



Energy-Efficient Operation



DESCRIPTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

BEER APPLICATION

HIGH PURITY

NITROGEN SYSTEM

ARAKI

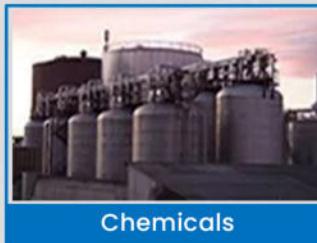
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

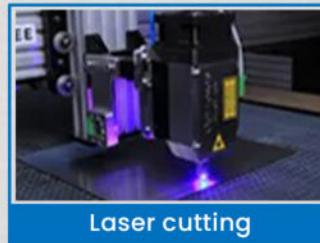
APPLICATION AREA



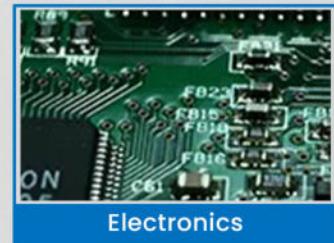
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

BEER APPLICATION HIGH PURITY NITROGEN SYSTEM

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

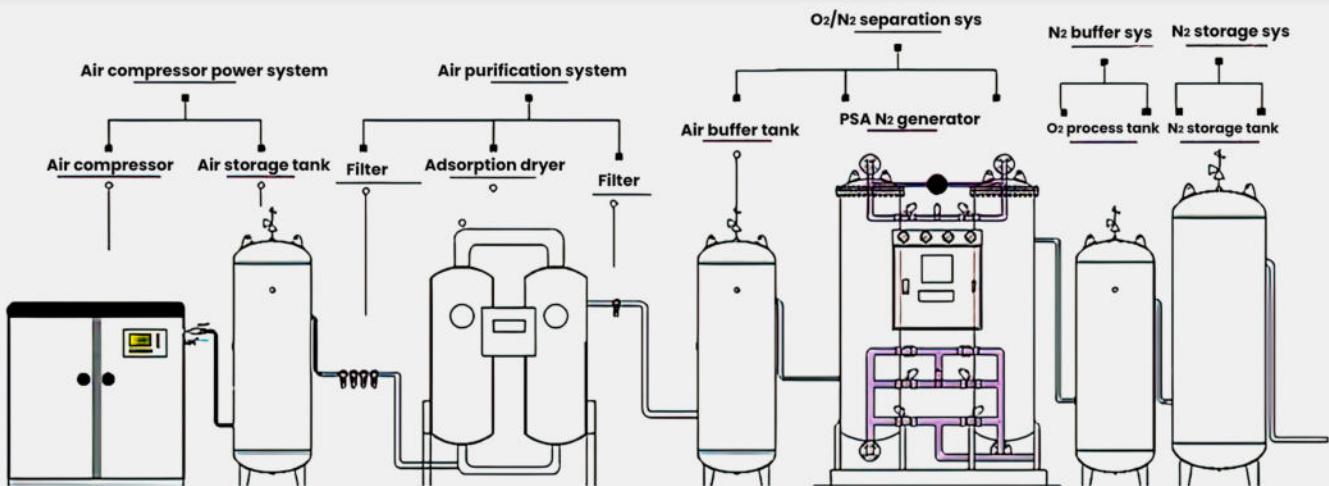
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

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4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

100Nm³/H PSA NITROGEN GENERATOR



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

Introducing our energy-saving medicine production PSA (Pressure Swing Adsorption) nitrogen generator, capable of producing 100Nm³/hr of nitrogen with a purity level of 99.999%. This advanced generator is specifically designed to meet the stringent requirements of the pharmaceutical industry, providing a reliable and high-purity nitrogen supply for medicine production processes.

High Production Capacity

- With a production capacity of 100Nm³/hr, our nitrogen generator meets the demands of medicine production processes that require a substantial nitrogen supply.
- The high production capacity ensures a consistent and reliable nitrogen flow, supporting uninterrupted operation and efficient production.

99.999% Nitrogen Purity

- Our generator delivers nitrogen with an exceptional purity level of 99.999%, meeting the strict quality standards of the pharmaceutical industry.
- The ultra-high purity nitrogen ensures the integrity and stability of medicine production processes, reducing the risk of contamination and ensuring product safety.

Energy-Saving Design

- We prioritize energy efficiency in our nitrogen generator design, helping you reduce operational costs and minimize environmental impact.
- The PSA technology employed in the generator optimizes the nitrogen production process, maximizing efficiency and minimizing energy consumption.

Advanced PSA Technology

- The PSA technology utilized in our generator efficiently separates nitrogen from the surrounding air, ensuring a continuous supply of high-purity nitrogen.
- The sophisticated adsorption and desorption cycles enable precise nitrogen purification, resulting in exceptional purity levels.

100NM³/H PSA NITROGEN GENERATOR

ARAKI

DESCRIPTION

Integrated Control System

- Our generator is equipped with an integrated control system that allows for seamless monitoring and adjustment of key parameters.
- The control system ensures optimal nitrogen purity, flow rate, and pressure, contributing to the overall quality and efficiency of medicine production processes.

Reliable and Durable Construction

- The generator is built with reliability and durability in mind, ensuring long-term performance and minimal maintenance requirements.
- The robust construction and high-quality components guarantee the generator's longevity, providing a dependable nitrogen supply for medicine production.

Compliance with Industry Standards

- Our nitrogen generator is designed and manufactured in compliance with the highest industry standards, ensuring safety and quality.
- We prioritize the well-being of personnel, product integrity, and regulatory compliance, making our generator suitable for medicine production environments.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

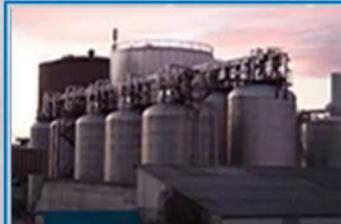
100NM³/H PSA NITROGEN GENERATOR

ARAKI

APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass

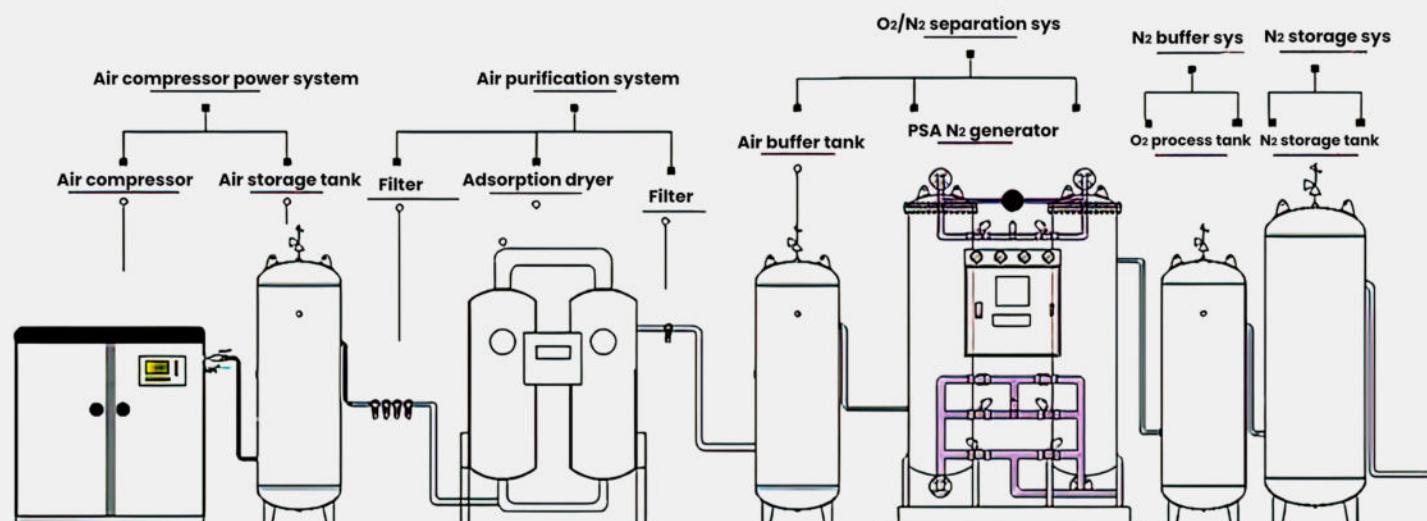


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



AGRICULTURAL GRADE PSA NITROGEN UNIT



Energy-Efficient
Operation



Safety
Features



Durable
Construction



DESCRIPTION

Nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

AGRICULTURAL GRADE PSA NITROGEN UNIT

ARAKI

Nitrogen Generator Specification

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Voltage	220V/380V
Weight	3200 KG
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Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
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Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

AGRICULTURAL GRADE PSA NITROGEN UNIT

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

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2. Particularity of material

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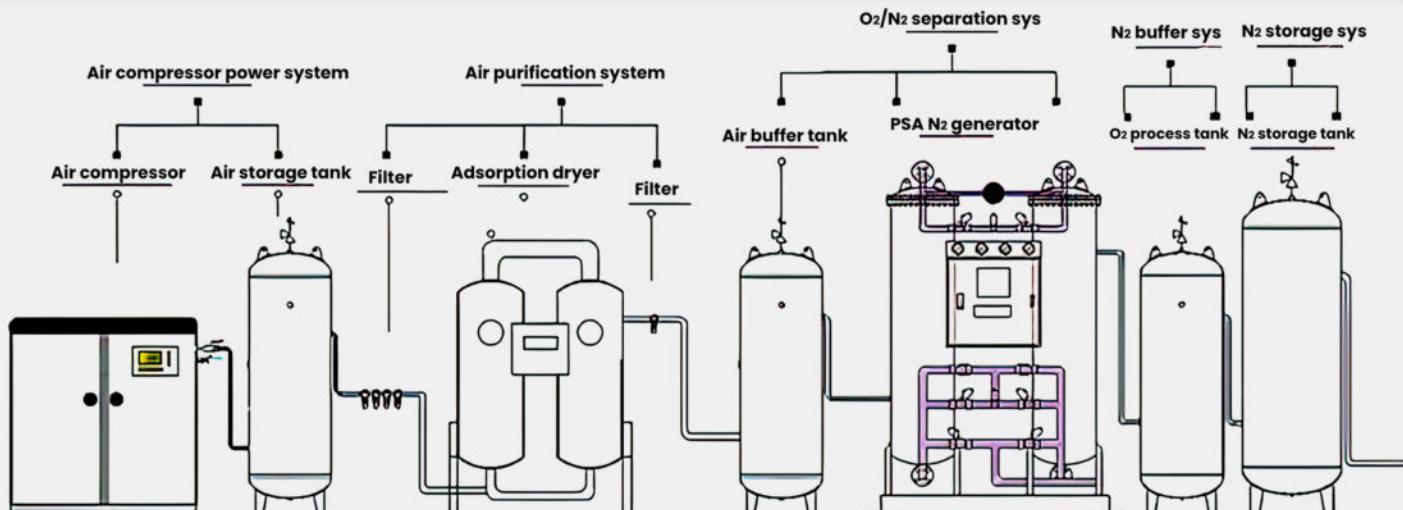
3. Efficient and energy saving

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4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

FAST FLOW PSA NITROGEN FOR VEGETABLE STORAGE

ARAKI



Energy-Efficient
Operation



Durable
Construction



Safety
Features



INTRODUCTION

Introducing our 8Nm³/hr 99.9% Stable Flow Rate High Purity Fast Making Nitrogen Vegetable Preservation PSA Nitrogen System. This professional-grade product is designed to meet all your nitrogen needs with utmost precision and efficiency.

With a flow rate of 8Nm³/hr, this nitrogen system ensures a stable and consistent supply of nitrogen, allowing for seamless operations in various applications. The high purity level of 99.9% guarantees the preservation of vegetables at their freshest, extending their shelf life and maintaining their nutritional value.

Thanks to its fast-making capability, our PSA Nitrogen System delivers nitrogen in a timely manner, eliminating any unnecessary waiting periods. This feature is particularly beneficial in industries requiring immediate nitrogen usage, ensuring uninterrupted production processes.

Specifically designed for vegetable preservation, our nitrogen system provides an optimal environment for storing vegetables. By creating an oxygen-free atmosphere, it inhibits the growth of bacteria and slows down the ripening process, preserving the freshness and quality of the produce.

Rest assured, our product meets the highest standards of quality and reliability. Crafted with precision and attention to detail, it guarantees optimal performance and longevity, making it a valuable asset for any business.

Invest in our 8Nm³/hr 99.9% Stable Flow Rate High Purity Fast Making Nitrogen Vegetable Preservation PSA Nitrogen System today and witness the transformative impact it brings to your vegetable preservation processes.

FAST FLOW PSA NITROGEN FOR VEGETABLE STORAGE

ARAKI

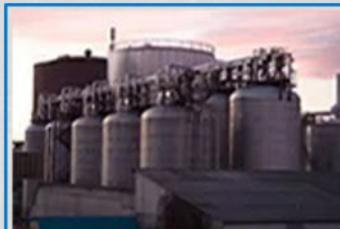
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy

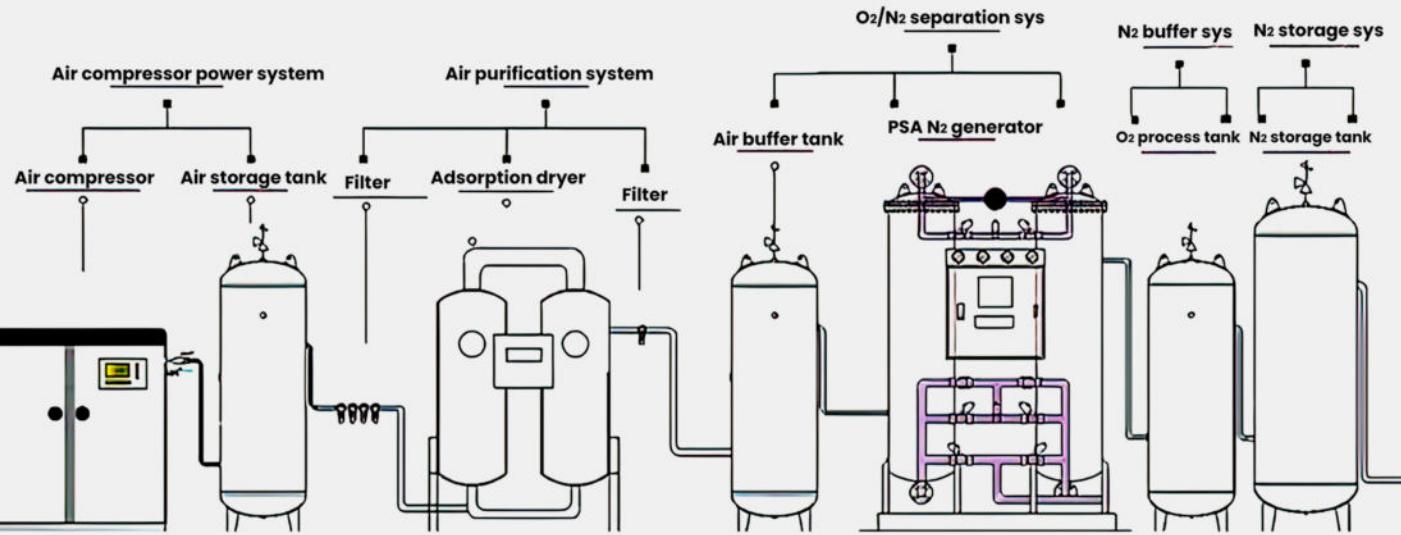


Pharmaceuticals

FAST FLOW PSA NITROGEN FOR VEGETABLE STORAGE

ARAKI

PSA NITROGEN GENERATOR SYSTEM



INDUSTRIAL PSA NITROGEN EQUIPMENT

ARAKI



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

INDUSTRIAL PSA NITROGEN EQUIPMENT

ARAKI

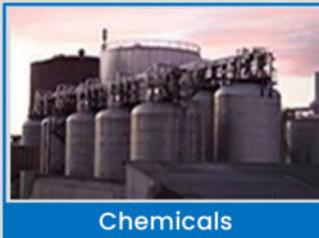
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
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Model	Intelligent
Mobile Way	Floor standing

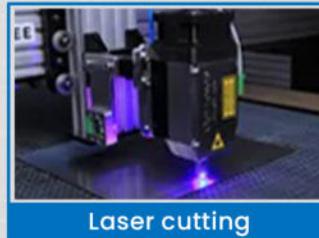
APPLICATION AREA



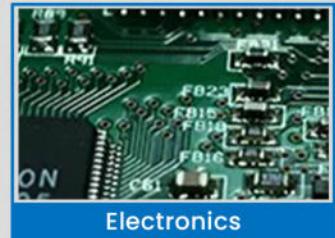
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

INDUSTRIAL PSA NITROGEN EQUIPMENT

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

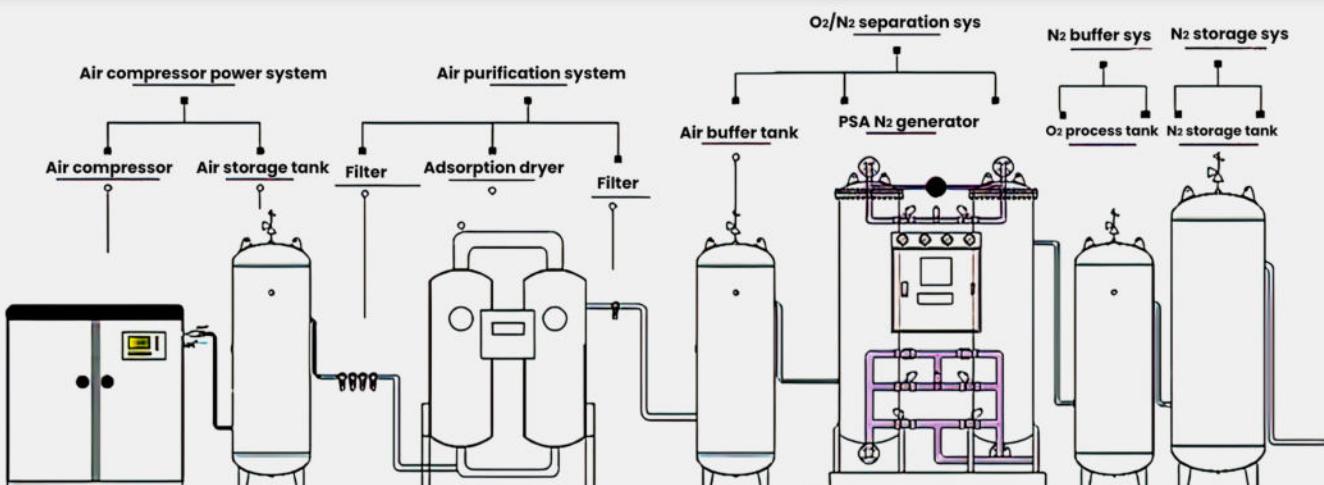
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



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2. Start the nitrogen machine:

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3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

CUSTOM FOOD GRADE NITROGEN GENERATOR

ARAKI



INTRODUCTION

Automated Operation for Increased Productivity

Maximize the efficiency of your food packing process through the seamless automation provided by our nitrogen generator. With its intelligent controls, manual monitoring and adjustments become a thing of the past. The generator automatically adapts nitrogen production based on demand, eliminating the need for constant supervision and optimizing resource utilization. This automated functionality streamlines operations, reduces labor requirements, and ultimately increases productivity, allowing you to meet production targets with ease.

High Purity and Food Safety

Prioritize the highest standards of food safety with our nitrogen generator. Boasting a purity level of 99.9%, it meets and exceeds the stringent requirements for food packing applications. This high purity level ensures the preservation of food quality and extends the shelf life of packaged products. Additionally, our generator's stainless steel construction enhances cleanliness, preventing any potential contamination and maintaining the integrity of the nitrogen supply, safeguarding the safety and well-being of consumers.

On-Demand Nitrogen Production

Regain control over your nitrogen supply with our nitrogen generator. No longer will you be reliant on external nitrogen suppliers or face the logistical challenges of nitrogen cylinder deliveries. Our generator empowers you to produce nitrogen on-demand, providing a continuous and reliable supply that perfectly aligns with your specific food packing needs. This on-site production capability grants you flexibility, reduces costs, and eliminates the uncertainties associated with external suppliers.

User-Friendly Interface and Monitoring

Enjoy a hassle-free experience with our nitrogen generator's user-friendly interface. The intuitive controls make adjustment and monitoring of key parameters a breeze. With just a few simple steps, you can fine-tune settings such as nitrogen purity, production rate, and system status to match your precise requirements. The clear and concise interface provides real-time data feedback, enabling you to make informed decisions and optimize the nitrogen production process effectively. This user-friendly interface ensures ease of operation, enhances productivity, and minimizes the learning curve for your operators.

Safety Features



Durable Construction



Energy-Efficient Operation



CUSTOM FOOD GRADE NITROGEN GENERATOR

ARAKI

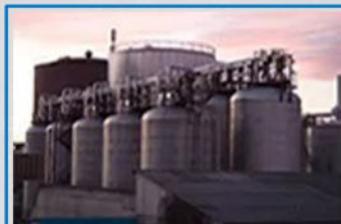
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy

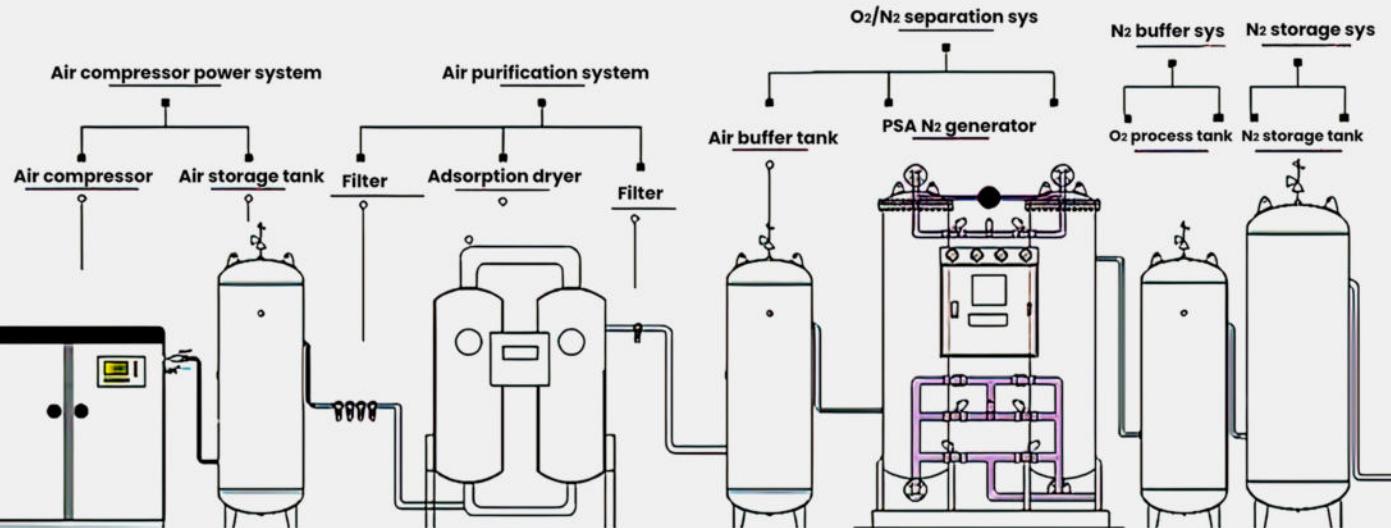


Pharmaceuticals

CUSTOM FOOD GRADE NITROGEN GENERATOR

ARAKI

PSA NITROGEN GENERATOR SYSTEM



LOW TEMP PSA NITROGEN GENERATOR



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

Reliable and Clean Nitrogen Generation:

Embark on a journey of unparalleled nitrogen generation with our state-of-the-art automated medical-grade stainless steel nitrogen generator. Engineered exclusively for medical facilities, this cutting-edge system delivers a clean and reliable solution for nitrogen production. Boasting an impressive production capacity of 30Nm³/hr and an exceptional purity level of 99.999%, our generator guarantees a steady supply of high-quality nitrogen for a diverse range of medical applications.

Convenience and Efficiency:

Simplify your operations with the automated functionality of our nitrogen generator. Say goodbye to manual monitoring and adjustments as our system takes care of it all, saving precious time for medical professionals. The stainless steel construction not only enhances durability but also provides excellent corrosion resistance, ensuring long-lasting performance with minimal maintenance requirements. Focus on delivering exceptional care while our generator efficiently meets your nitrogen needs.

On-Demand Nitrogen Production:

Bid farewell to the complexities of nitrogen cylinder deliveries. Our nitrogen generator empowers you to produce nitrogen on-demand, offering a continuous supply precisely when you need it. The automated operation of the generator intelligently adjusts nitrogen production based on demand, optimizing efficiency and minimizing waste. Enjoy the flexibility of generating nitrogen whenever and wherever it is required, tailoring it to your specific medical requirements.

LOW TEMP PSA NITROGEN GENERATOR

DESCRIPTION

Enhanced Purity and Safety:

Elevate your nitrogen quality and prioritize safety with our nitrogen generator. It guarantees an uncompromising purity level of 99.999%, surpassing even the most stringent requirements of medical applications. Equipped with advanced safety features, including pressure relief valves and automated shutdown mechanisms, our generator ensures a secure and reliable nitrogen production process. Rest assured that both your staff and facility are protected while maintaining the utmost purity standards.

Experience the pinnacle of nitrogen generation technology with our automated medical-grade stainless steel nitrogen generator. Trust in its reliability, convenience, and exceptional purity to elevate your medical operations. Contact us today to discover how our advanced nitrogen generator can revolutionize your facility and ensure a consistent supply of high-quality nitrogen.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

LOW TEMP PSA NITROGEN GENERATOR

ARAKI

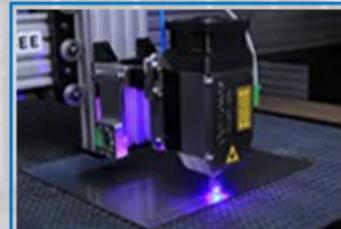
APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass

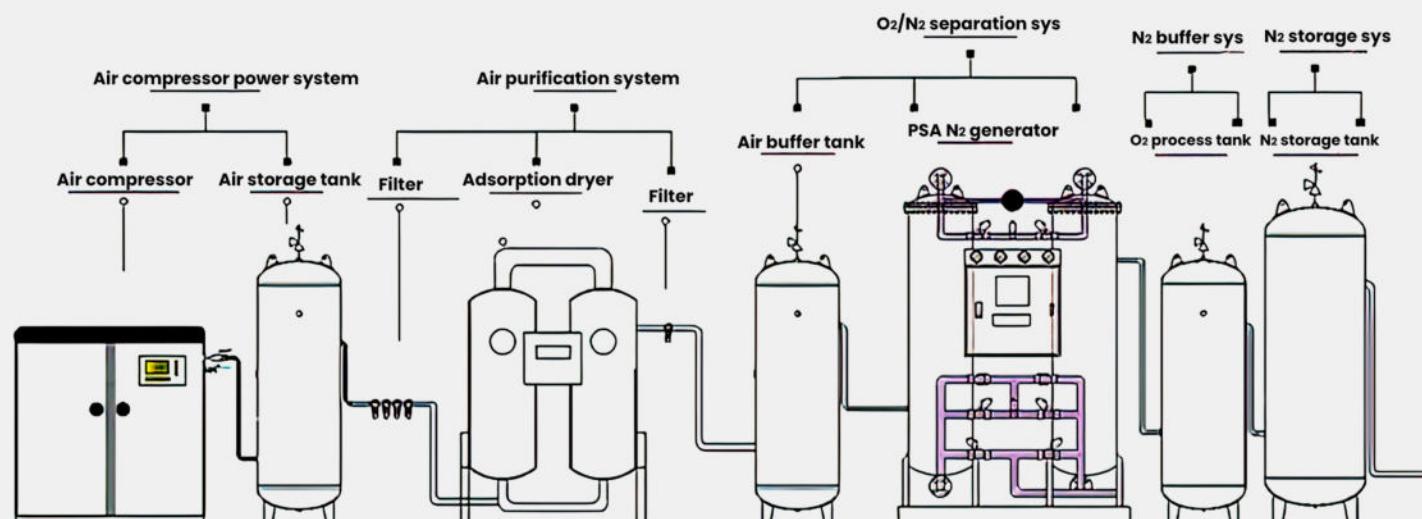


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



STABLE FLOW PSA NITROGEN 15NM³/H

INDOTARA



INTRODUCTION

Introduction

Introducing our industrial production PSA nitrogen generator, designed to provide a stable flow rate of nitrogen with a purity level of 99%. With a production capacity of 15Nm³/hr, this generator is a reliable solution for various industrial applications requiring high-quality nitrogen.

PSA Technology for Efficient Nitrogen Generation

- Our nitrogen generator utilizes Pressure Swing Adsorption (PSA) technology, which efficiently separates nitrogen from the surrounding air.
- The PSA process ensures a continuous and reliable nitrogen supply, meeting the demands of industrial production settings.

Stable Flow Rate for Consistent Performance

- The nitrogen generator is engineered to deliver a stable flow rate of nitrogen, ensuring consistent performance in industrial applications.
- This stable flow rate is essential for maintaining process integrity and avoiding disruptions or fluctuations in nitrogen supply.

High Purity Nitrogen

- With a purity level of 99%, our nitrogen generator produces nitrogen gas that meets the stringent requirements of industrial processes.
- The high purity nitrogen helps prevent oxidation, contamination, and spoilage, ensuring product quality and extending the shelf life of sensitive materials.

Customizable Production Capacity

- We understand that different industries have varying nitrogen consumption needs. Our generator offers customizable production capacity to match your specific requirements.
- Whether you need a higher or lower production rate, we can tailor the nitrogen generator to meet your industrial demands.

Energy-Efficient Operation

- Our nitrogen generator is designed for energy efficiency, optimizing power consumption while delivering a consistent flow of nitrogen.
- This energy-efficient operation contributes to cost savings and sustainability, making it an environmentally friendly choice for industrial applications.

Safety Features



Durable Construction



Energy-Efficient Operation



STABLE FLOW PSA NITROGEN 15NM³/H

ARAKI

INTRODUCTION

User-Friendly Controls and Monitoring

- The nitrogen generator features user-friendly controls and monitoring systems, allowing operators to easily adjust parameters and monitor nitrogen purity, flow rate, and system status.
- Real-time data visualization and alarms enable quick identification of any issues, ensuring optimal performance and minimizing downtime.

Robust and Reliable Construction

- The generator is built with robust materials and components to withstand the demands of industrial environments.
- Its reliable construction ensures long-term performance and minimal maintenance requirements, reducing operational disruptions.

Compliance with Industrial Standards

- Our nitrogen generator complies with relevant industrial standards and regulations, ensuring reliable and safe operation.
- We prioritize quality and continuously update our product to meet industry requirements, providing you with a dependable nitrogen generation solution.

Choose our 15Nm³/hr 99% Stable Flow Rate Industrial Production PSA Nitrogen Generator for your industrial applications. With PSA technology, stable flow rate, high purity nitrogen, customizable production capacity, and energy-efficient operation, this generator ensures reliable nitrogen supply while meeting your specific needs. Benefit from user-friendly controls, robust construction, and compliance with industrial standards. Contact us today to learn more about this industrial-grade nitrogen generator and optimize your production processes with confidence.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

STABLE FLOW PSA NITROGEN 15NM³/H

ARAKI

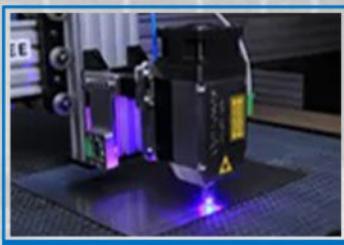
APPLICATION AREA



Oil & gas



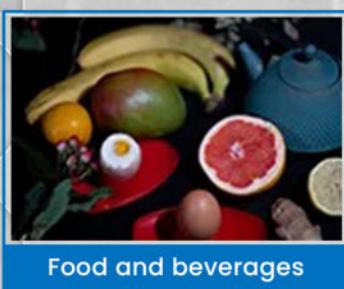
Chemicals



Laser cutting



Electronics



Food and beverages



Glass

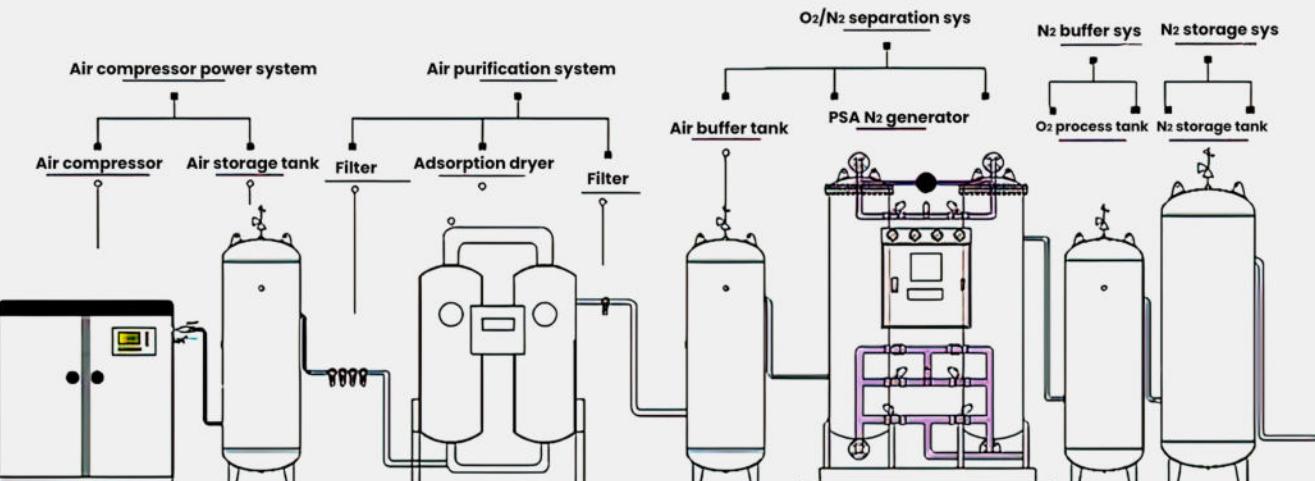


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



FOOD PACKING PSA NITROGEN GENERATOR



Energy-Efficient Operation

Durable Construction

Safety Features

DESCRIPTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

FOOD PACKING PSA NITROGEN GENERATOR

ARAKI

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
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Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

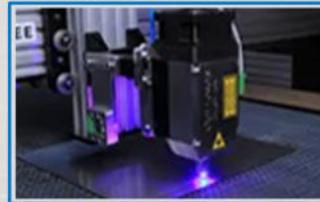
APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

FOOD PACKING PSA NITROGEN GENERATOR

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

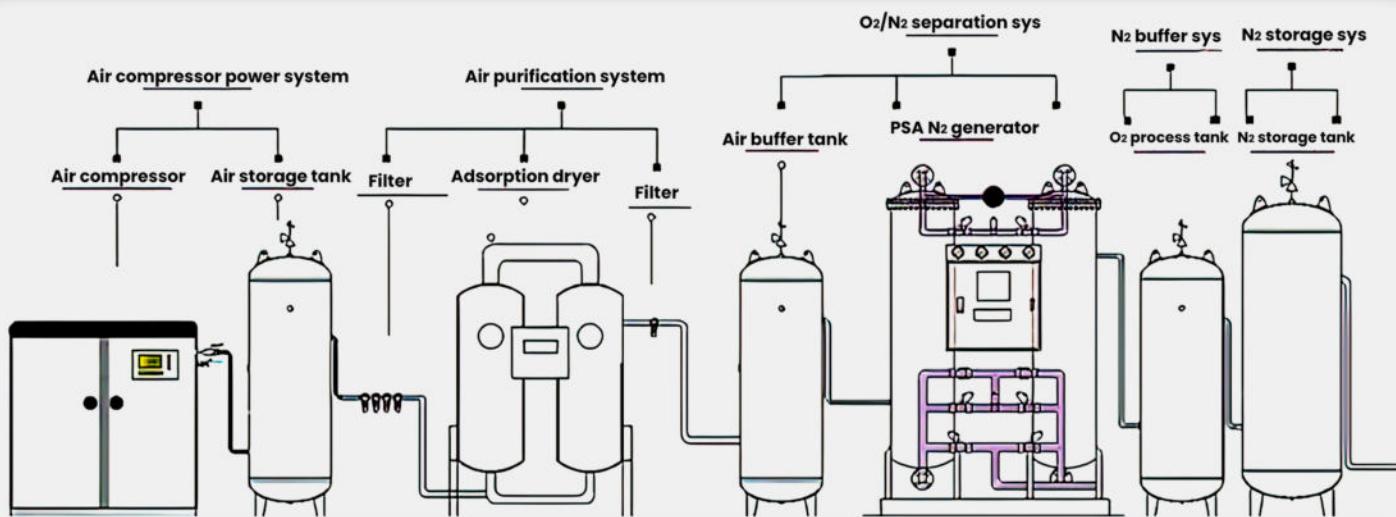
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

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Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

NITROGEN PURIFICATION SYSTEM



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

Nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

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NITROGEN PURIFICATION SYSTEM

ARAKI

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

NITROGEN PURIFICATION SYSTEM

Nitrogen machine product advantages and characteristics

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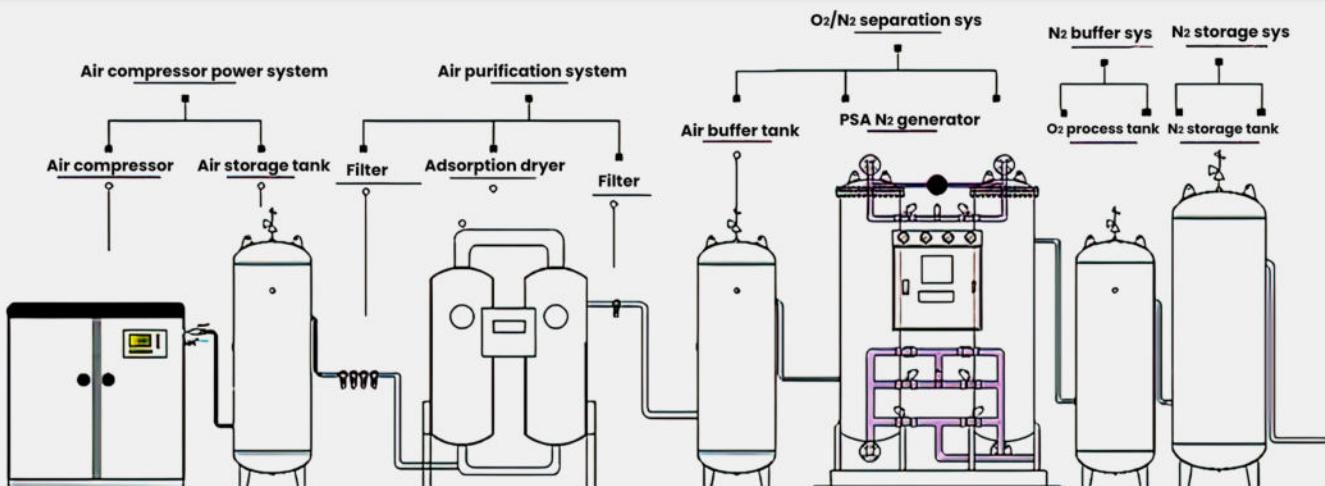
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PSA NITROGEN GENERATOR SYSTEM



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Turn on the power, press the start button, and observe whether the equipment runs normally.

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4. Monitoring during use:

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5. Shutdown operation:

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NITROGEN GENERATOR FOR FARM AND FOOD USE



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

Nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

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Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

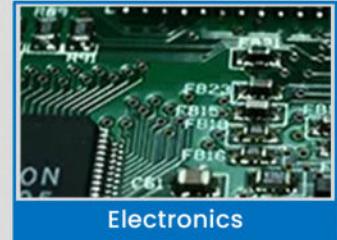
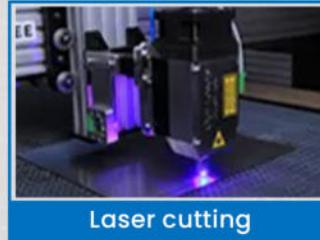
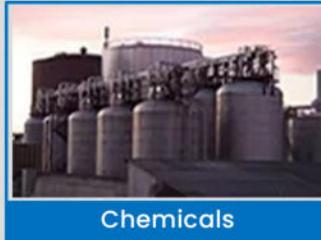
Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

NITROGEN GENERATOR FOR FARM AND FOOD USE

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



NITROGEN GENERATOR FOR FARM AND FOOD USE

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

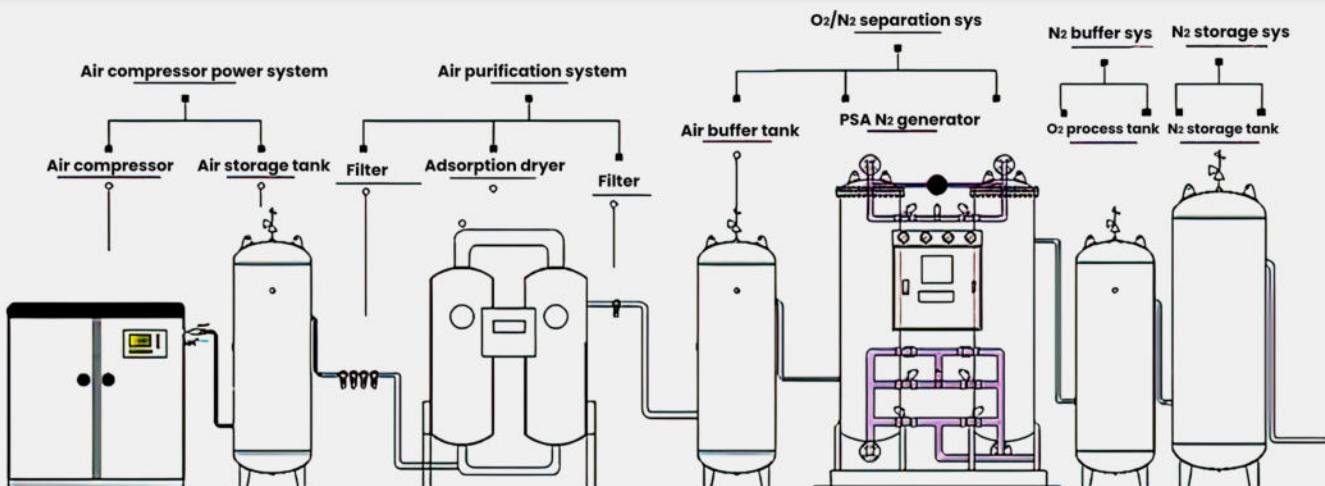
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

AUTOMATED PSA NITROGEN 40NM³/H

ARAKI



Durable Construction



Safety Features



Energy-Efficient Operation



INTRODUCTION

Introduction

Introducing our automated industrial PSA nitrogen generator, designed to provide a reliable supply of nitrogen gas with a production capacity of 40Nm³/hr and a purity level of 95%. This generator is specifically tailored for industrial applications, offering automation and efficiency for nitrogen generation.

Automated PSA Technology

Our nitrogen generator utilizes advanced Pressure Swing Adsorption (PSA) technology, automating the process of separating nitrogen from the surrounding air. The automated operation ensures a continuous and reliable nitrogen supply without the need for constant manual intervention. Enjoy hassle-free nitrogen generation for your industrial processes.

High Production Capacity

With a production capacity of 40Nm³/hr, our generator meets the demands of various industrial processes that require a substantial nitrogen supply. The high production capacity allows for efficient operation and supports large-scale industrial applications. Ensure a consistent nitrogen supply for your industrial operations.

95% Nitrogen Purity

The nitrogen gas produced by our generator has a purity level of 95%, suitable for a wide range of industrial applications. This level of purity effectively mitigates the risk of oxidation, contamination, and spoilage in industrial processes, enhancing product quality and stability. Trust in the purity of our nitrogen supply for your critical industrial operations.

Automated Controls and Monitoring

The generator features automated controls and monitoring systems, enabling easy adjustment of parameters and real-time monitoring of nitrogen purity, flow rate, and system status. The automated controls enhance operational efficiency, reduce the risk of errors, and allow for remote monitoring and diagnostics. Stay in control of your nitrogen generation process effortlessly.

Energy-Efficient Operation

Our nitrogen generator is designed for energy efficiency, optimizing power consumption while providing a consistent flow of nitrogen. Energy-efficient operation contributes to cost savings and sustainability, making it an environmentally friendly choice for industrial operations. Achieve operational efficiency while reducing energy costs.

AUTOMATED PSA NITROGEN 40NM³/H

ARAKI

INTRODUCTION

Robust Construction for Industrial Environments

Built with robust materials and components, our generator is designed to withstand the demanding conditions of industrial environments. Its durable construction ensures reliable performance and minimal maintenance requirements, minimizing downtime and optimizing productivity. Rely on the longevity and durability of our nitrogen generator for uninterrupted industrial processes.

Compliance with Industrial Standards

Our nitrogen generator complies with relevant industrial standards and regulations, ensuring safe and reliable operation in industrial settings. We prioritize quality and continuously update our product to meet industry requirements, providing you with a dependable nitrogen generation solution. Trust in the compliance and reliability of our nitrogen generator for your industrial operations.

Conclusion

Choose our automated industrial PSA nitrogen generator to optimize your nitrogen generation process for industrial applications. With its high production capacity, 95% nitrogen purity, automated controls, energy efficiency, robust construction, and compliance with industrial standards, this generator offers reliability, efficiency, and safety for your critical industrial processes. Contact us today to learn more about our nitrogen generator and enhance your industrial operations.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

AUTOMATED PSA NITROGEN 40NM³/H

ARAKI

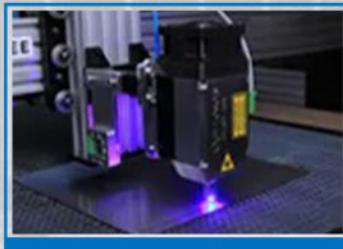
APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



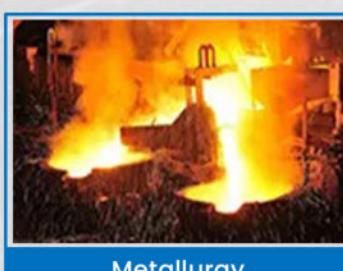
Electronics



Food and beverages



Glass

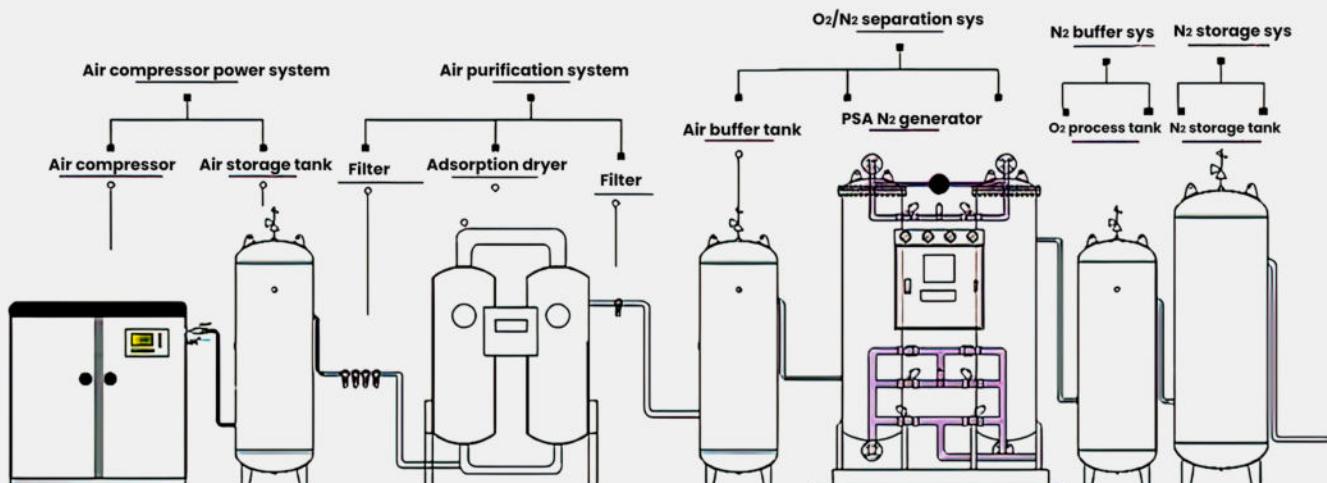


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



GAS GENERATION NITROGEN EQUIPMENT



Safety Features



Durable Construction



Energy-Efficient Operation



DESCRIPTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

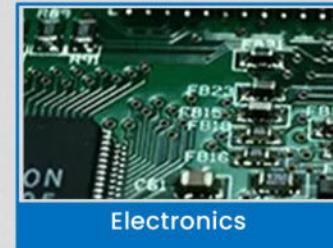
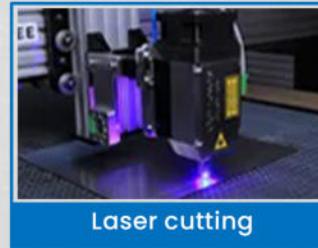
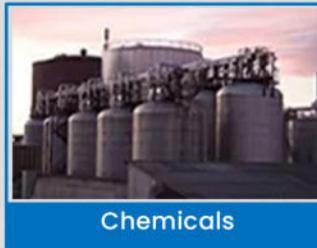
GAS GENERATION NITROGEN EQUIPMENT

ARAKI

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



GAS GENERATION

NITROGEN

EQUIPMENT

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

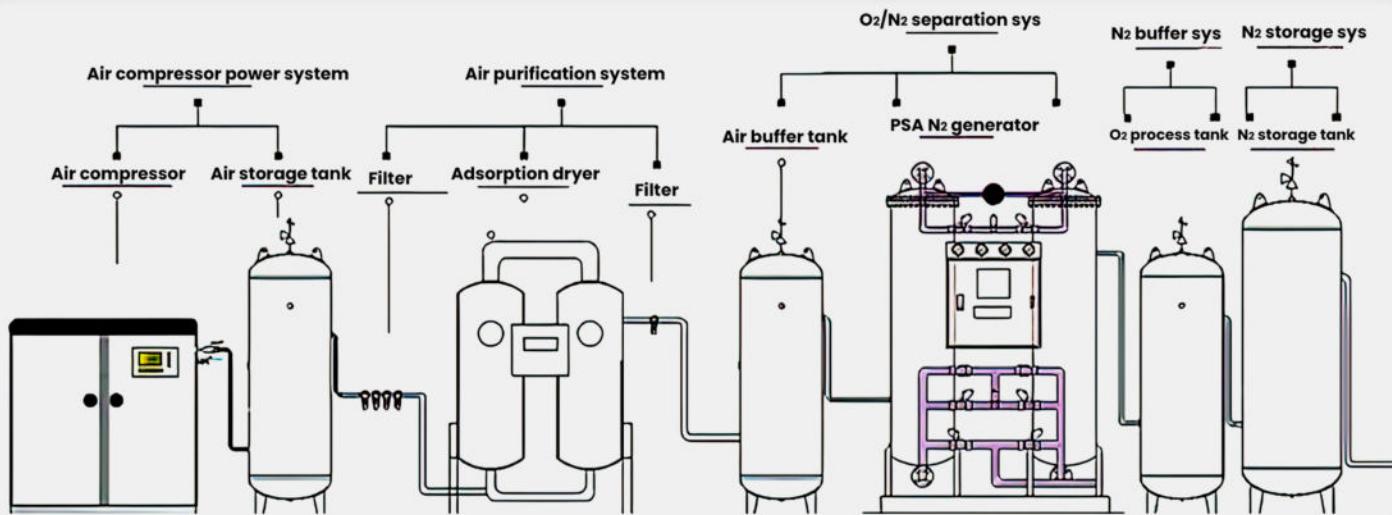
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

PSA NITROGEN FOR LASER CUTTING USE



DESCRIPTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

PSA NITROGEN FOR LASER CUTTING USE

ARAKI

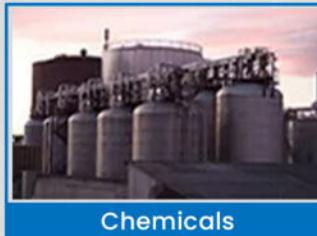
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

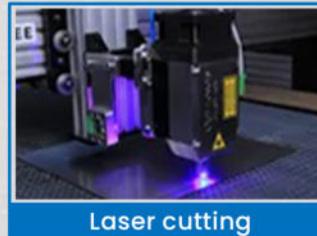
APPLICATION AREA



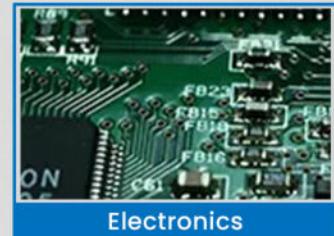
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

PSA NITROGEN FOR LASER CUTTING USE

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

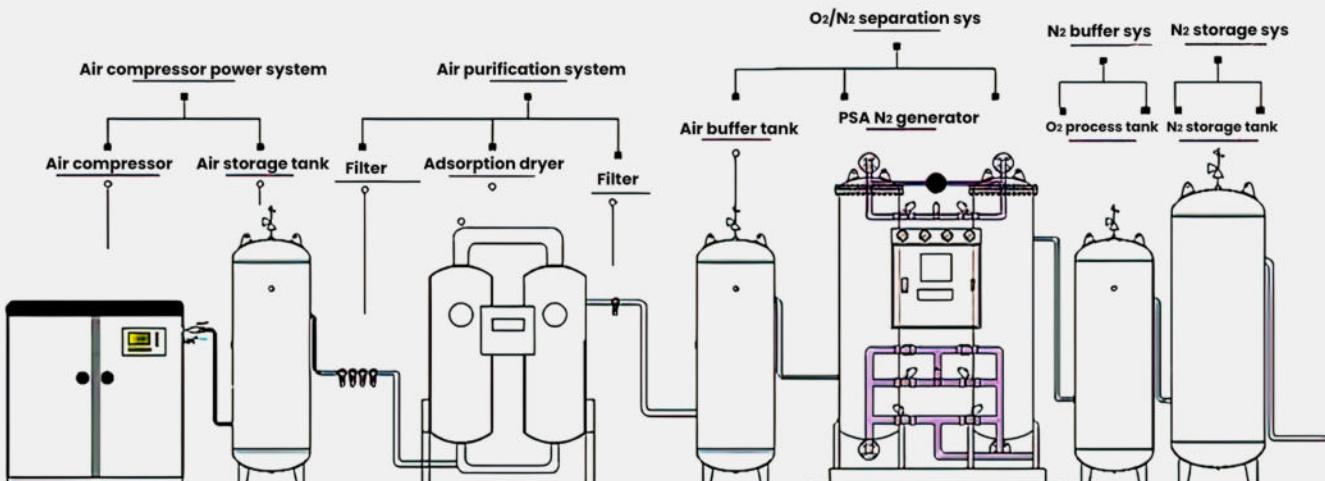
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

SMALL AND MEDIUM PSA NITROGEN GENERATOR

 ARAKI



Safety Features



Durable Construction



Energy-Efficient Operation



DESCRIPTION

Introducing our 30Nm³/hr 99% Purging Application Skid Mounting Nitrogen Generator, specially designed for the hot plating industry. This professional-grade nitrogen generator offers a reliable and efficient solution for your nitrogen purging needs.

With its easy installation and skid mounting design, this nitrogen generator ensures a hassle-free setup process. You can conveniently mount it in your desired location without any complications, saving you time and effort.

The 30Nm³/hr capacity ensures a steady and consistent supply of nitrogen, meeting the demands of your hot plating industry. This generator delivers high-purity nitrogen with a 99% purity level, ensuring optimal performance and quality in your applications.

Designed with the hot plating industry in mind, our nitrogen generator is equipped with features that cater to your specific requirements. Its robust construction and advanced technology make it suitable for the demanding conditions of the hot plating industry, ensuring reliable and efficient operation.

Choose our 30Nm³/hr 99% Purging Application Skid Mounting Nitrogen Generator for your hot plating industry needs and experience easy installation, reliable performance, and exceptional quality. Trust in our professional-grade solution to enhance your productivity and efficiency in the nitrogen purging process.

SMALL AND MEDIUM PSA NITROGEN GENERATOR

ARAKI

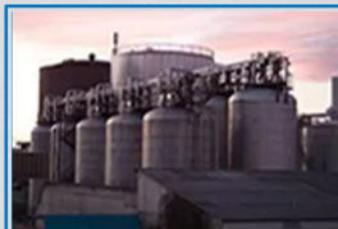
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

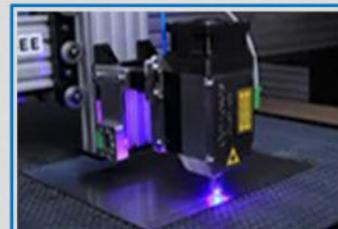
APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass



Metallurgy

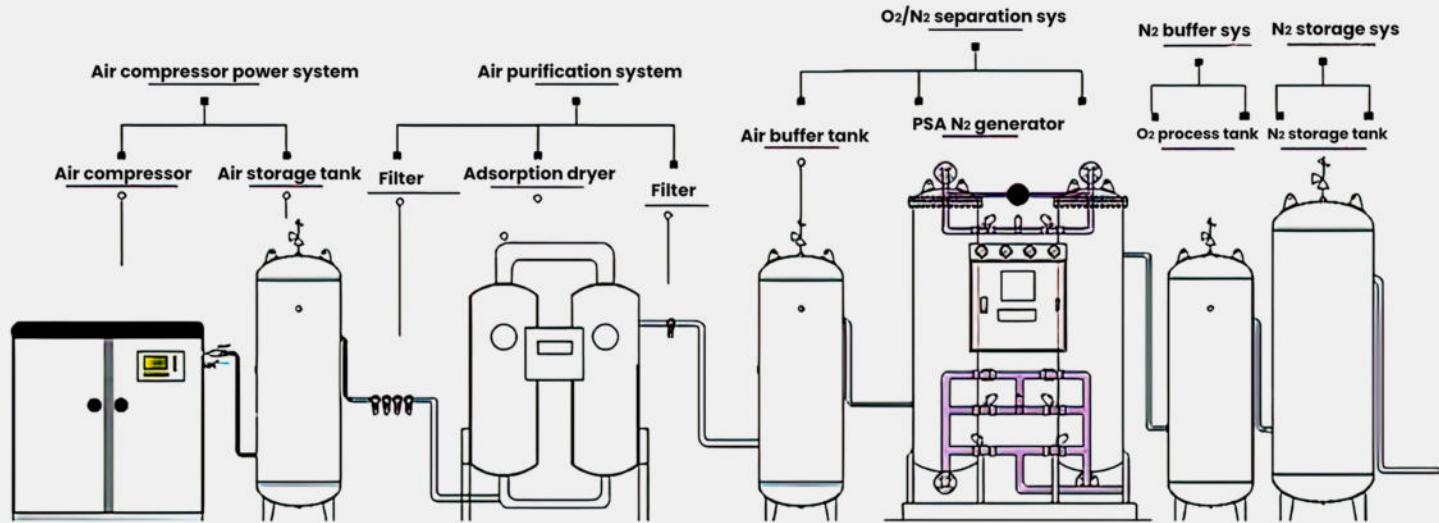


Pharmaceuticals

SMALL AND MEDIUM PSA NITROGEN GENERATOR

ARAKI

PSA NITROGEN GENERATOR SYSTEM



SMART INDUSTRIAL NITROGEN GENERATOR

ARAKI



INTRODUCTION

Introducing our state-of-the-art 50Nm³/hr 98% Efficient Intelligent Industrial Nitrogen Generator, a pinnacle of innovation designed to exceed the rigorous demands of a wide range of industrial applications. This advanced nitrogen generator sets a new standard by delivering a consistent and reliable supply of high-purity nitrogen, revolutionizing your production processes and elevating operational efficiency to unprecedented levels.

Exceptional Efficiency and Precision

Uninterrupted Supply: Our nitrogen generator guarantees a continuous and reliable flow of high-purity nitrogen, ensuring a seamless operation and consistent product quality throughout your industrial processes. Say goodbye to disruptions and fluctuations in nitrogen supply that can hinder productivity and compromise outcomes.

Intelligent Control System: Equipped with an advanced control system, our generator continuously monitors and adjusts nitrogen production in real-time to precisely meet your specific requirements. This intelligent functionality optimizes nitrogen generation, allowing for precise control, efficient resource utilization, and significant time and cost savings.

Inert Environment for Chemical Reactions

Effective Air Displacement: The nitrogen generated by our nitrogen generator efficiently displaces atmospheric air in reaction vessels, creating an inert environment that is essential for oxygen-sensitive chemical reactions. This capability facilitates precise control over reaction parameters and ensures the purity, safety, and integrity of your critical processes.

Enhanced Safety and Process Integrity: By maintaining an inert atmosphere, our nitrogen generator mitigates the risk of unwanted reactions, minimizing the potential for hazardous incidents and protecting the integrity of your valuable materials and processes. Experience peace of mind knowing that your operations are conducted in a controlled and secure environment.

SMART INDUSTRIAL NITROGEN GENERATOR

ARAKI

INTRODUCTION

Robust Construction for Industrial Environments

Built to Withstand: Our nitrogen generator boasts a robust construction using high-quality materials and components, making it exceptionally durable and reliable even in the most challenging industrial environments. It is engineered to endure the rigors of heavy usage, harsh conditions, and demanding production schedules, ensuring long-term performance and minimal downtime.

Reduced Downtime and Maintenance Costs: The sturdy construction of our generator minimizes downtime and maintenance costs, enabling continuous and efficient nitrogen production. This translates to improved productivity, reduced operational disruptions, and substantial cost savings over the lifespan of the generator, maximizing your return on investment.

Invest in our top-of-the-line 50Nm³/hr 98% Efficient Intelligent Industrial Nitrogen Generator to unlock the full potential of your industrial processes. With its exceptional efficiency, intelligent control system, air displacement capability, and robust construction, it serves as the ultimate solution to meet your nitrogen needs. Experience a reliable and efficient nitrogen supply, optimize your production processes, elevate product quality, and achieve unparalleled operational efficiency with our cutting-edge nitrogen generator. Trust in our commitment to innovation and excellence to fulfill your industrial nitrogen requirements with precision and superiority.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

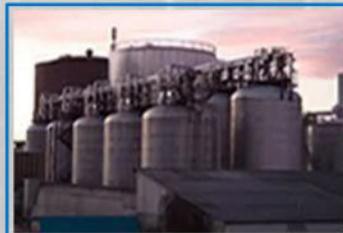
SMART INDUSTRIAL NITROGEN GENERATOR

ARAKI

APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass

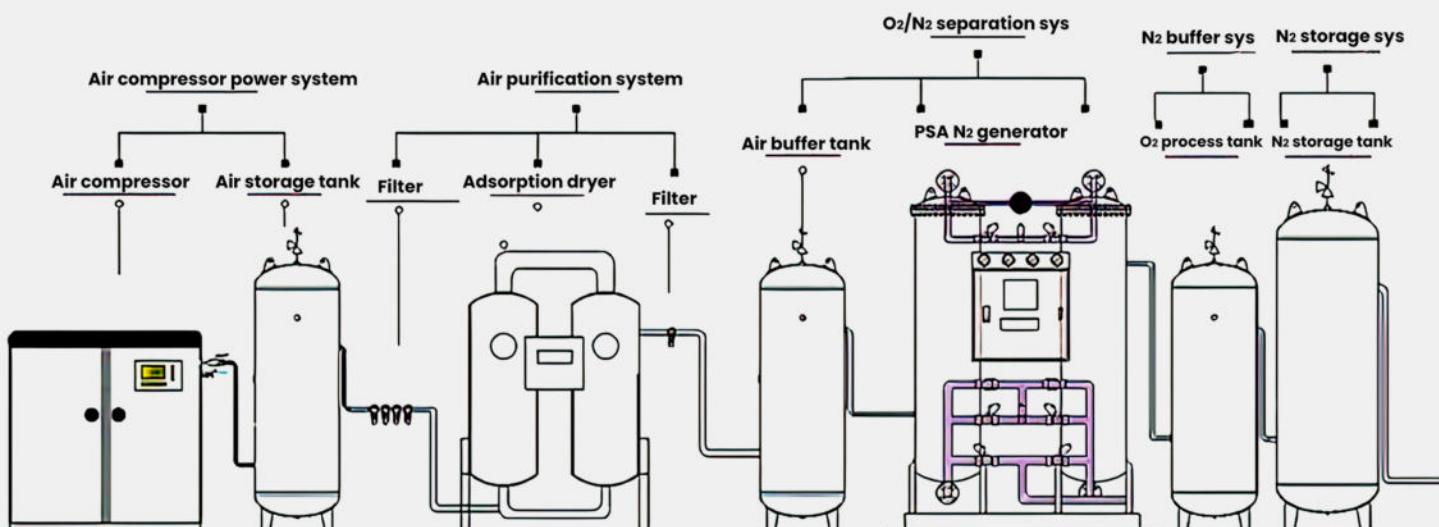


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



HIGH-QUALITY NITROGEN PRODUCTION SYSTEM

 ARAKI



Safety Features



Durable Construction



Energy-Efficient Operation



DESCRIPTION

Introducing our Chinese Hot Sale High Purity Stable On-site Semiconductor Industry PSA Nitrogen Gen, capable of delivering a remarkable 70Nm³/hr of nitrogen with an impressive purity level of 99.999%. Designed specifically for the semiconductor industry, this cutting-edge product is guaranteed to meet the stringent requirements of your operations.

With its advanced Pressure Swing Adsorption (PSA) technology, this nitrogen generator ensures a stable and reliable supply of high-purity nitrogen on-site. By eliminating the need for external nitrogen sources, you can significantly reduce costs and enhance operational efficiency.

Our nitrogen generator is meticulously engineered to cater to the unique demands of the semiconductor industry. It provides a clean and dry nitrogen stream, free from impurities and moisture, ensuring the utmost protection for your sensitive semiconductor manufacturing processes.

Equipped with state-of-the-art components and a robust design, this product guarantees exceptional performance and longevity. Its user-friendly interface allows for easy operation and precise control over the nitrogen output, enabling seamless integration into your existing systems.

Choose our Chinese Hot Sale High Purity Stable On-site Semiconductor Industry PSA Nitrogen Gen, and experience unparalleled reliability and efficiency in your semiconductor operations. Trust in our commitment to delivering top-quality products that meet the highest industry standards.

HIGH-QUALITY NITROGEN PRODUCTION SYSTEM

ARAKI

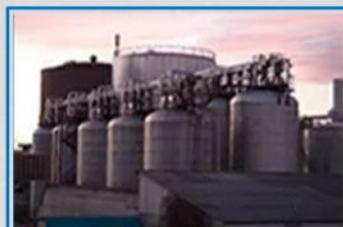
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass



Metallurgy

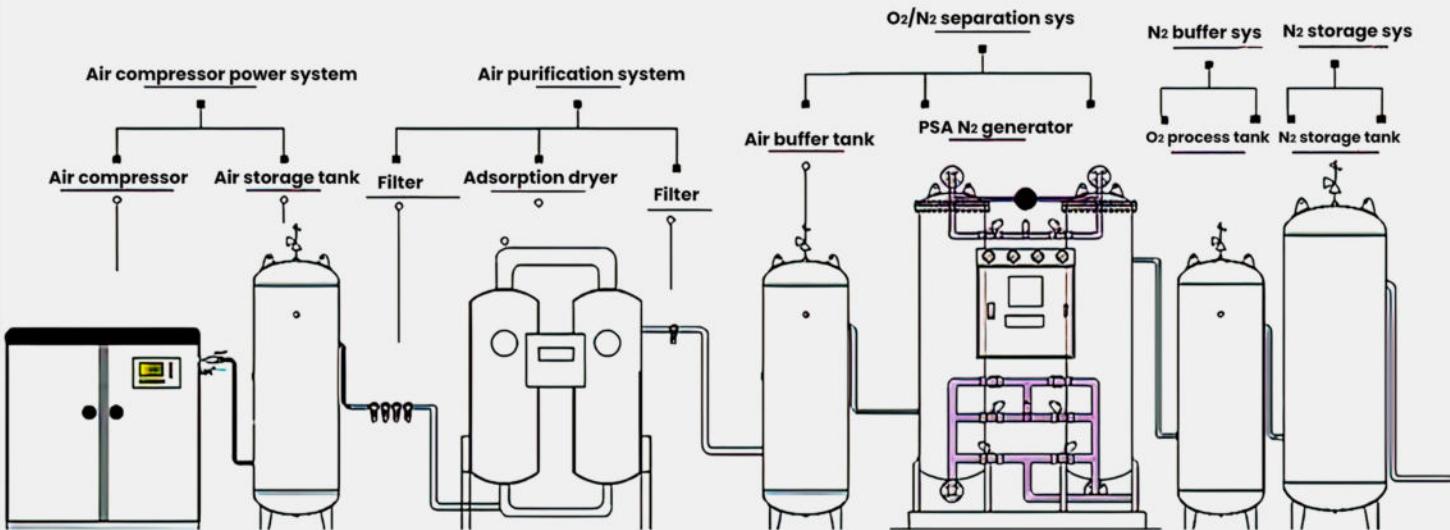


Pharmaceuticals

HIGH-QUALITY NITROGEN PRODUCTION SYSTEM

PSA NITROGEN GENERATOR SYSTEM

ARAKI



ULTRA PURE NITROGEN GENERATOR 99.999%

ARAKI



Safety Features



Durable Construction



Energy-Efficient Operation



DESCRIPTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

ULTRA PURE NITROGEN GENERATOR 99.999%

ARAKI

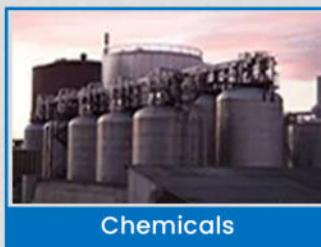
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

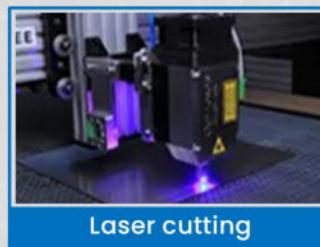
APPLICATION AREA



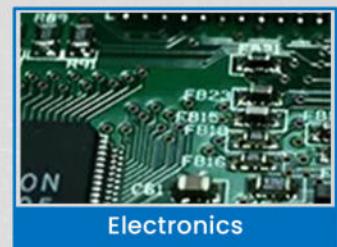
Oil & gas



Chemicals



Laser cutting



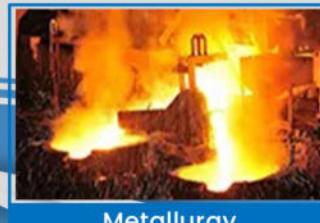
Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

ULTRA PURE NITROGEN GENERATOR 99.999%

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

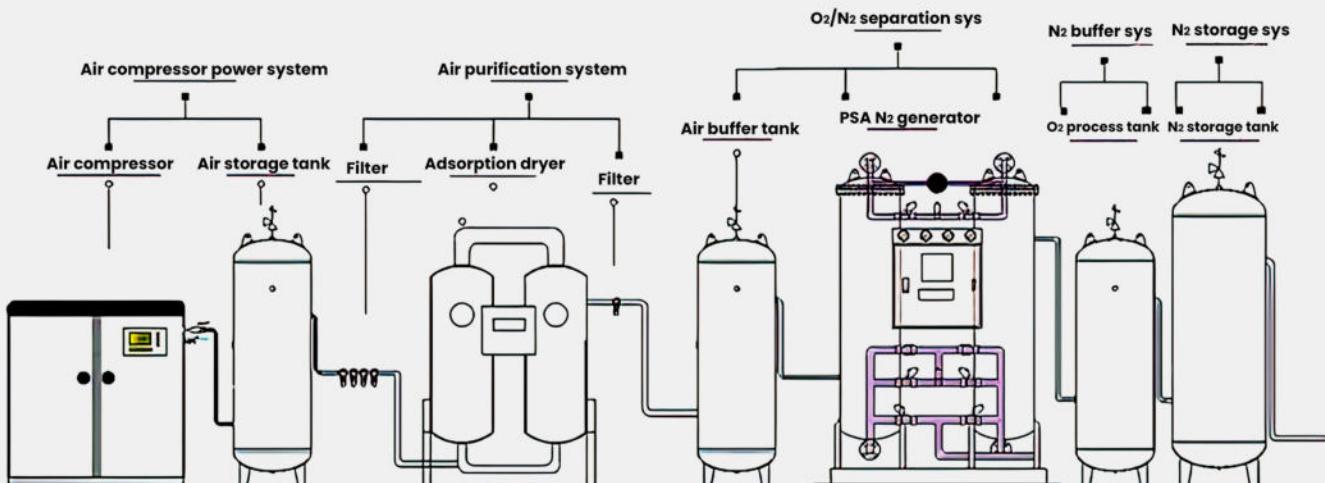
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

RUBBER USE NITROGEN GENERATOR 3NM³/H

ARAKI



Durable Construction



Safety Features



Energy-Efficient Operation



INTRODUCTION

Durable and Resilient Rubberized Construction:

Our nitrogen generator features a robust and resilient rubberized build that is meticulously designed to withstand the demanding conditions of industrial environments. This sturdy construction ensures exceptional durability, protecting the generator against vibrations and impacts for long-lasting performance in challenging settings.

On-Demand Nitrogen Generation:

Take control of your nitrogen supply with our state-of-the-art nitrogen generator. No longer reliant on external suppliers, our generator allows you to produce nitrogen on-demand. This means you can have a continuous and customized nitrogen supply that precisely matches your specific industrial requirements. The generator's automated operation adjusts nitrogen production based on demand, optimizing efficiency and minimizing waste.

Advanced Safety Features:

We prioritize your safety above all else. Our nitrogen generator is equipped with advanced safety features that ensure secure operation and protect against potential hazards. With safety mechanisms such as pressure relief valves and automatic shutdown systems, you can have peace of mind during nitrogen generation processes, maintaining a safe working environment.

Cost-Effective and Sustainable Solution:

By generating nitrogen on-site, our generator eliminates the need for frequent nitrogen cylinder deliveries, resulting in reduced operational costs and simplified logistics. Furthermore, the generator's efficient design promotes energy savings, making it a cost-effective and environmentally sustainable solution for industrial nitrogen generation.

RUBBER USE NITROGEN GENERATOR 3NM³/H

 ARAKI

INTRODUCTION

Versatile Applications:

Our nitrogen generator caters to a wide range of industries and applications. Whether you're in manufacturing, food and beverage, electronics, pharmaceuticals, or any other field that requires nitrogen, our generator can meet your specific needs. From blanketing and purging to laser cutting and packaging, our nitrogen generator offers versatility and adaptability.

Experience the Benefits of On-Site Nitrogen Generation:

Discover the advantages of on-site nitrogen production with our advanced nitrogen generator. Enjoy a reliable, customizable, and cost-effective nitrogen supply that enhances your operations and boosts productivity. Contact us today to learn more and explore how our nitrogen generator can meet your unique requirements.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

RUBBER USE NITROGEN GENERATOR 3NM³/H

ARAKI

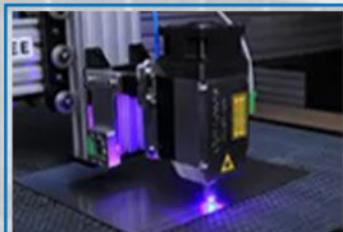
APPLICATION AREA



Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass

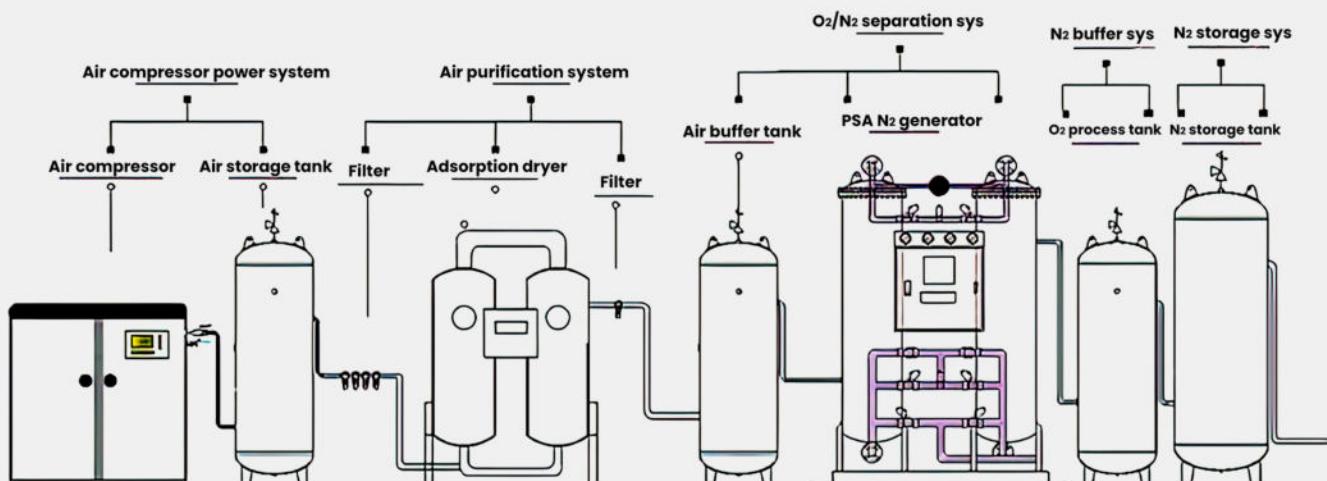


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



COMMERCIAL NITROGEN GENERATOR UNIT

ARAKI



Safety Features



Durable Construction



Energy-Efficient Operation



DESCRIPTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

COMMERCIAL NITROGEN GENERATOR UNIT

ARAKI

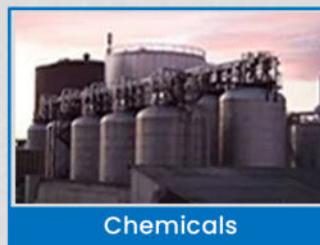
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
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Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

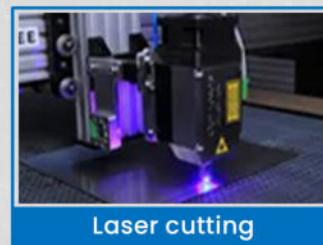
APPLICATION AREA



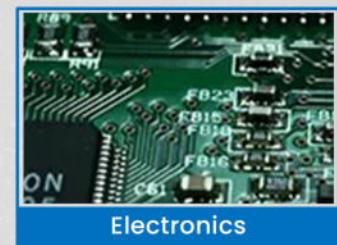
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

COMMERCIAL NITROGEN GENERATOR UNIT

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

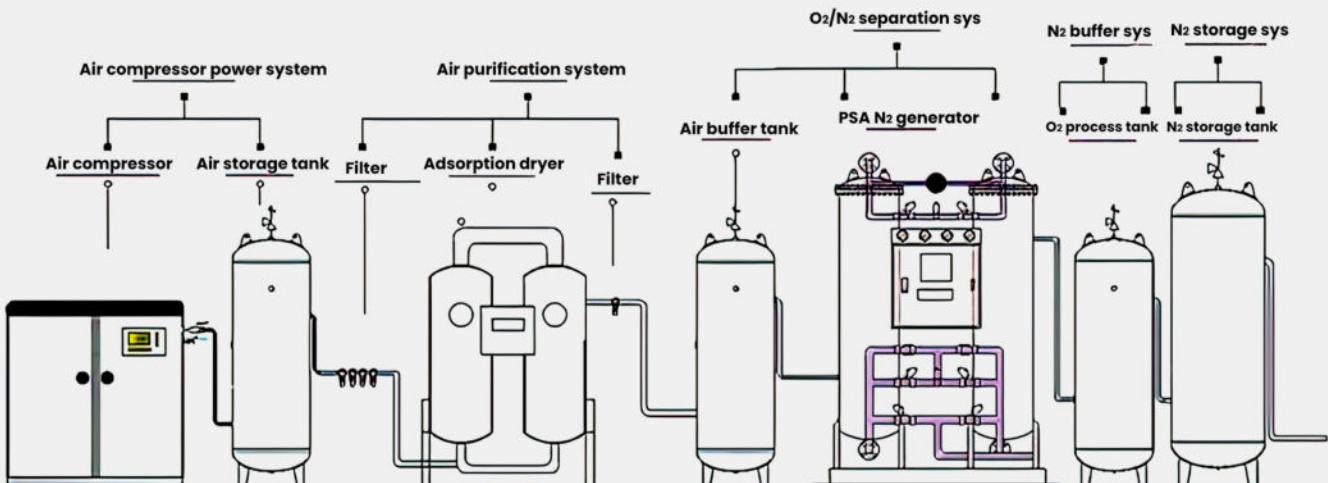
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

LASER CUTTING MACHINE WITH NITROGEN GENERATOR



Safety Features



Durable Construction



Energy-Efficient Operation



DESCRIPTION

Intuitive User Interface and Monitoring Capabilities

Effortlessly manage your nitrogen generation process with our nitrogen generator's user-friendly interface. The intuitive controls allow for easy adjustment and real-time monitoring of crucial parameters, including nitrogen purity, production rate, and system status. The comprehensive data visualization ensures efficient operation and enables quick troubleshooting, guaranteeing a seamless and uninterrupted nitrogen generation experience.

Cost-Effective and Sustainable Solution

By producing nitrogen on-site, our generator eliminates the need for frequent nitrogen cylinder deliveries, resulting in significant cost savings for your operations. The compact design and efficient operation of the generator also contribute to energy efficiency, making it a cost-effective and sustainable solution for industrial nitrogen generation.

Compliance with Stringent Industrial Standards

Rest assured that our nitrogen generator complies with the highest industrial standards and regulations. We prioritize quality and safety in every aspect of our generator's design, ensuring that it meets or exceeds all relevant industry requirements. With our commitment to continuous improvement, you can trust that our nitrogen generator provides a reliable and compliant solution for your nitrogen generation needs.

Discover the Efficiency and Reliability of our 5Nm³/hr 99.5% Compact Industrial Galvanized Nitrogen Generator. Maximize productivity, reduce costs, and ensure a consistent supply of high-quality nitrogen for your industrial applications. Contact us today to explore how our advanced nitrogen generator can revolutionize your industrial processes.

LASER CUTTING MACHINE WITH NITROGEN GENERATOR

 ARAKI

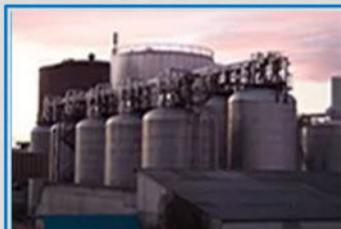
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

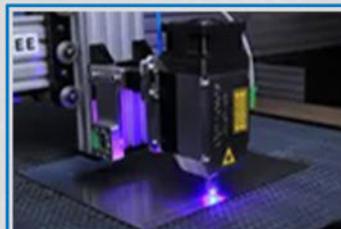
APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass



Metallurgy

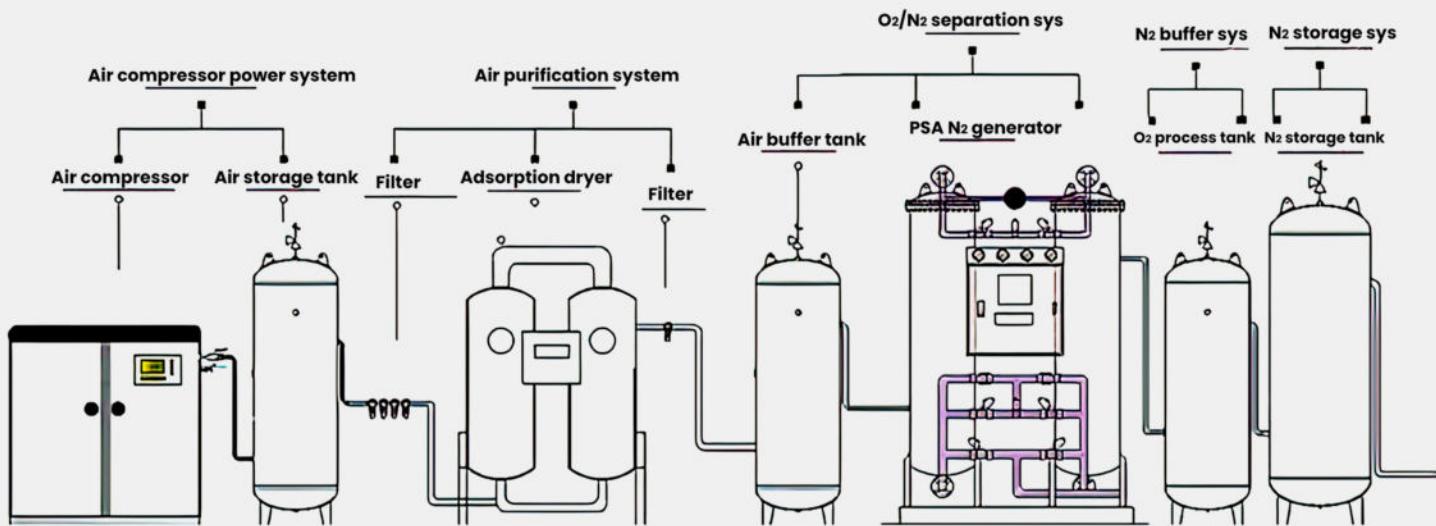


Pharmaceuticals

LASER CUTTING MACHINE WITH NITROGEN GENERATOR

ARAKI

PSA NITROGEN GENERATOR SYSTEM



HIGH PURITY PSA NITROGEN MACHINE



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

Robust Cast Iron Construction:

Our nitrogen generator is meticulously crafted with a robust cast iron construction that sets it apart in terms of durability, strength, and resilience. The use of high-quality cast iron ensures exceptional resistance to corrosion, allowing the generator to withstand the harshest industrial environments. Furthermore, the thermal stability of the cast iron construction guarantees reliable and consistent performance even under extreme operating conditions, providing you with peace of mind and confidence in the longevity of your investment.

Reliable Performance:

When it comes to performance, our industrial nitrogen generator stands out from the competition. It is engineered with precision and designed with advanced technology to deliver unwavering and reliable performance. The combination of meticulous design and precise engineering ensures stable nitrogen production, eliminating fluctuations and variations in output. This translates to uninterrupted operations, increased productivity, and reduced downtime, allowing you to focus on your core business tasks with confidence.

HIGH PURITY PSA NITROGEN MACHINE

 ARAKI

DESCRIPTION

On-Demand Nitrogen Supply:

Say goodbye to the hassles and uncertainties of relying on external nitrogen suppliers. With our nitrogen generator, you gain the advantage of on-site nitrogen production, giving you full control over your nitrogen supply. No matter the time or location, you have a dependable and cost-effective solution at your fingertips. This not only eliminates the need for frequent nitrogen deliveries but also provides flexibility and convenience in meeting your nitrogen requirements, allowing you to optimize your operations and reduce costs.

User-Friendly Control System:

We understand the importance of ease and convenience in operation. That's why our nitrogen generator is equipped with a user-friendly control system that simplifies the management of your nitrogen production process. The intuitive interface allows you to monitor and adjust essential parameters such as nitrogen purity, flow rates, and pressure levels with ease. Real-time data feedback empowers you with the information needed to make informed decisions and optimize the efficiency of your nitrogen generation. With our user-friendly control system, you can effortlessly navigate through the settings, ensuring precision and accuracy in achieving your desired nitrogen specifications.

Enhanced Safety Features:

Safety is a top priority in any industrial setting, and our nitrogen generator is designed with this in mind. We have incorporated advanced safety features to provide you with peace of mind and protect both your personnel and equipment. The inclusion of pressure relief valves and emergency shutdown mechanisms ensures that the generator operates within safe parameters, preventing any potential accidents or damage. By prioritizing safety, we aim to create a secure working environment, allowing you to focus on your operations without compromising the well-being of your team or the integrity of your equipment.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

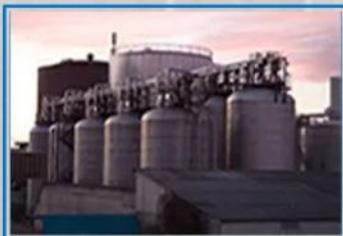
HIGH PURITY PSA NITROGEN MACHINE

ARAKI

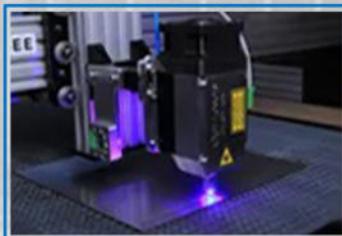
APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass

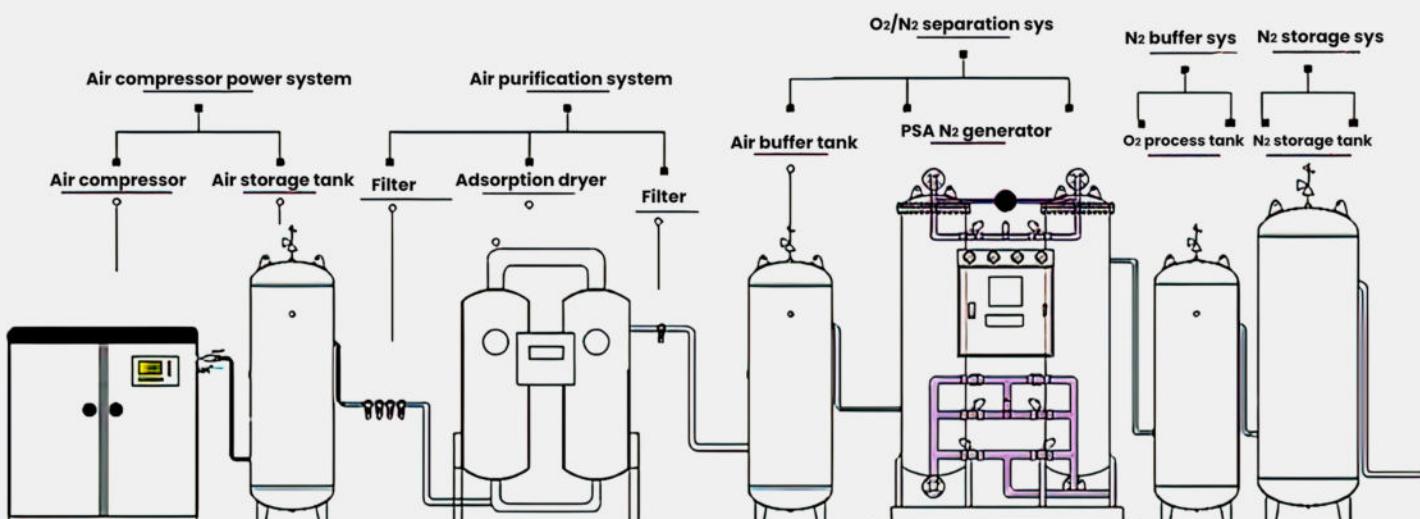


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



NITROGEN GAS SUPPLY SYSTEM FOR LASERS

ARAKI



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

The 40Nm3/hr 99.999% High Purity Hot Sale -60 Degree Dew Point SMT Industry PSA Nitrogen Generator is a professional-grade solution designed specifically for the SMT industry. With its advanced features and superior performance, it is the perfect choice for businesses looking to enhance their production processes.

This nitrogen generator is capable of producing high purity nitrogen gas at a rate of 40Nm3/hr, ensuring a steady supply of nitrogen for your SMT applications. The 99.999% purity level guarantees the elimination of any impurities that may affect the quality of your production.

One of the standout features of this nitrogen generator is its ability to achieve a remarkable -60 degree dew point. This ensures that the nitrogen gas produced is free from any moisture, preventing any potential damage to sensitive components during the manufacturing process.

With its state-of-the-art PSA (Pressure Swing Adsorption) technology, this nitrogen generator offers exceptional reliability and efficiency. It operates seamlessly, requiring minimal maintenance and delivering consistent performance over an extended period.

NITROGEN GAS SUPPLY SYSTEM FOR LASERS

DESCRIPTION

The Hot Sale -60 Degree Dew Point SMT Industry PSA Nitrogen Generator is built to meet the highest industry standards, making it a reliable and durable solution for your SMT production needs. Its compact design allows for easy installation and integration into your existing setup.

Investing in this nitrogen generator will not only improve the quality and efficiency of your SMT processes but also contribute to cost savings in the long run. By producing nitrogen on-site, you eliminate the need for expensive nitrogen cylinders and reduce dependence on external suppliers.

Experience the benefits of a professional-grade nitrogen generator with the 40Nm³/hr 99.999% High Purity Hot Sale -60 Degree Dew Point SMT Industry PSA Nitrogen Generator. Enhance your SMT production capabilities and ensure the highest quality standards with this reliable and efficient solution.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

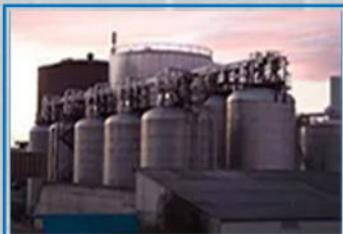
NITROGEN GAS SUPPLY SYSTEM FOR LASERS

ARAKI

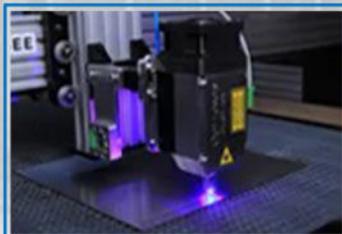
APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass

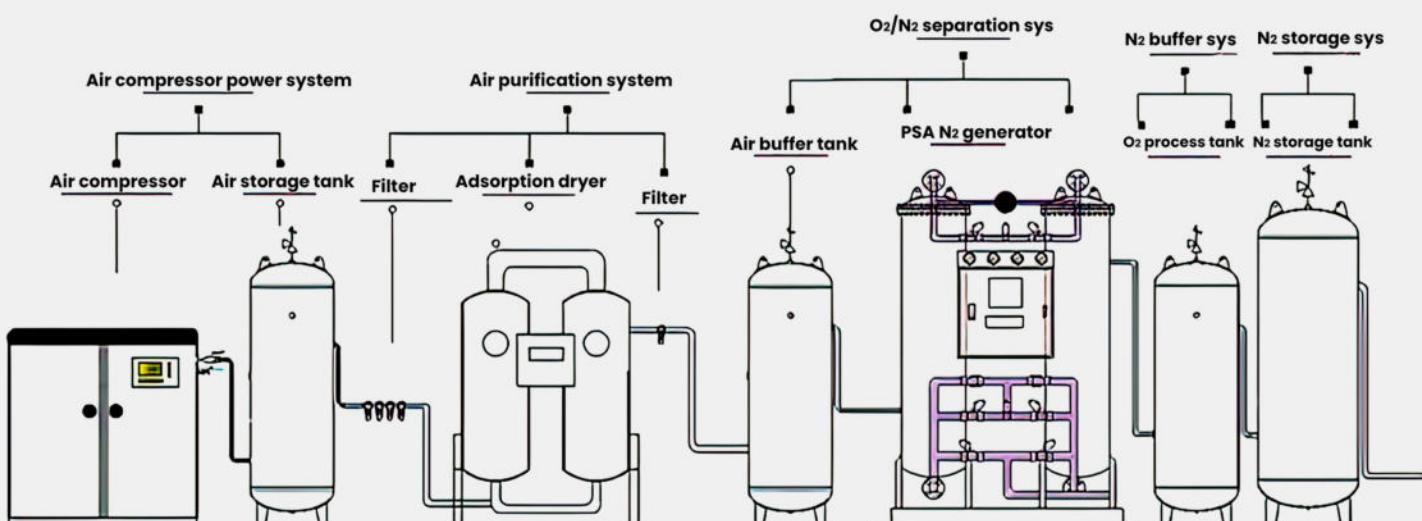


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



PSA NITROGEN PURIFIER

95-99.9995%

ARAKI



Safety Features



Durable Construction



Energy-Efficient Operation



DESCRIPTION

Nitrogen Generator Introduction

Nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

PSA NITROGEN PURIFIER

95-99.9995%

ARAKI

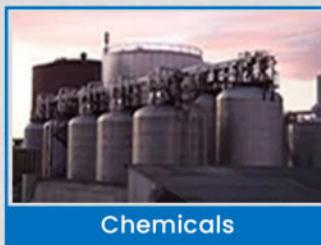
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
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Model	Intelligent
Mobile Way	Floor standing

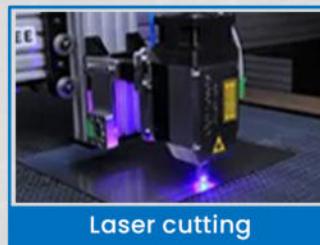
APPLICATION AREA



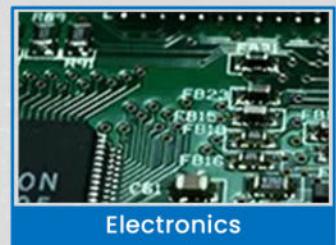
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

PSA NITROGEN PURIFIER

95-99.9995%

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

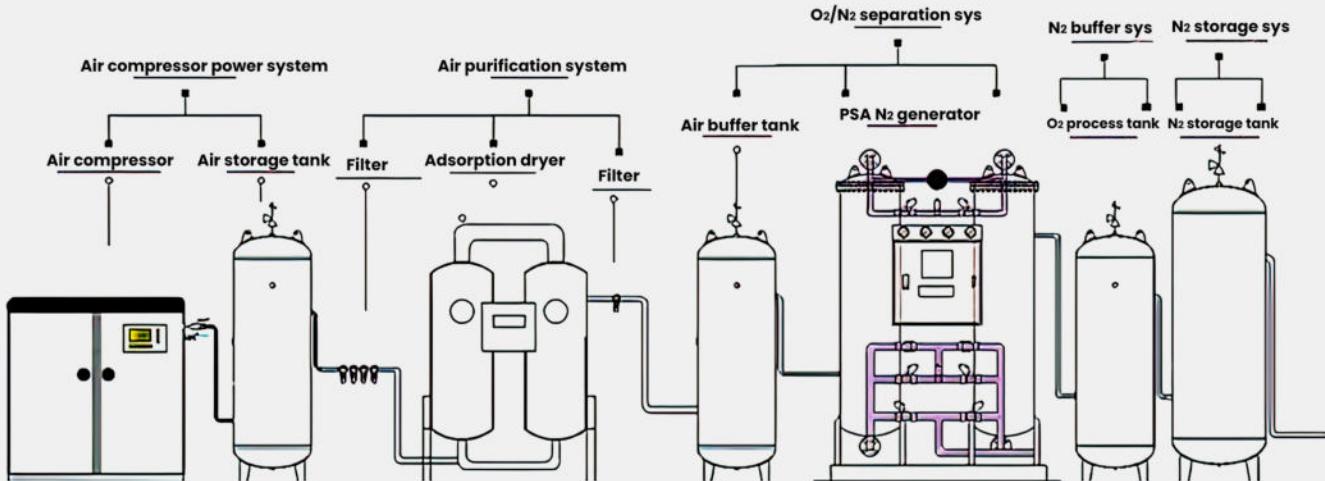
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

LOW ENERGY NITROGEN SYSTEM

ARAKI



Safety Features



Durable Construction



Energy-Efficient Operation



DESCRIPTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

LOW ENERGY NITROGEN SYSTEM

ARAKI

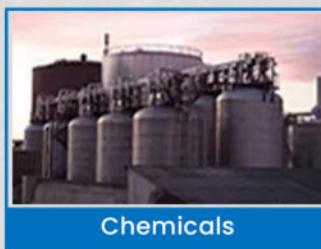
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

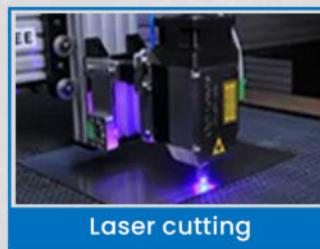
APPLICATION AREA



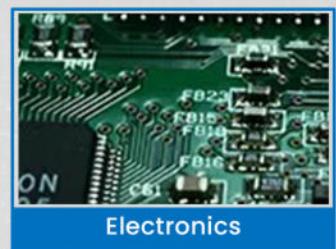
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

LOW ENERGY NITROGEN SYSTEM

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

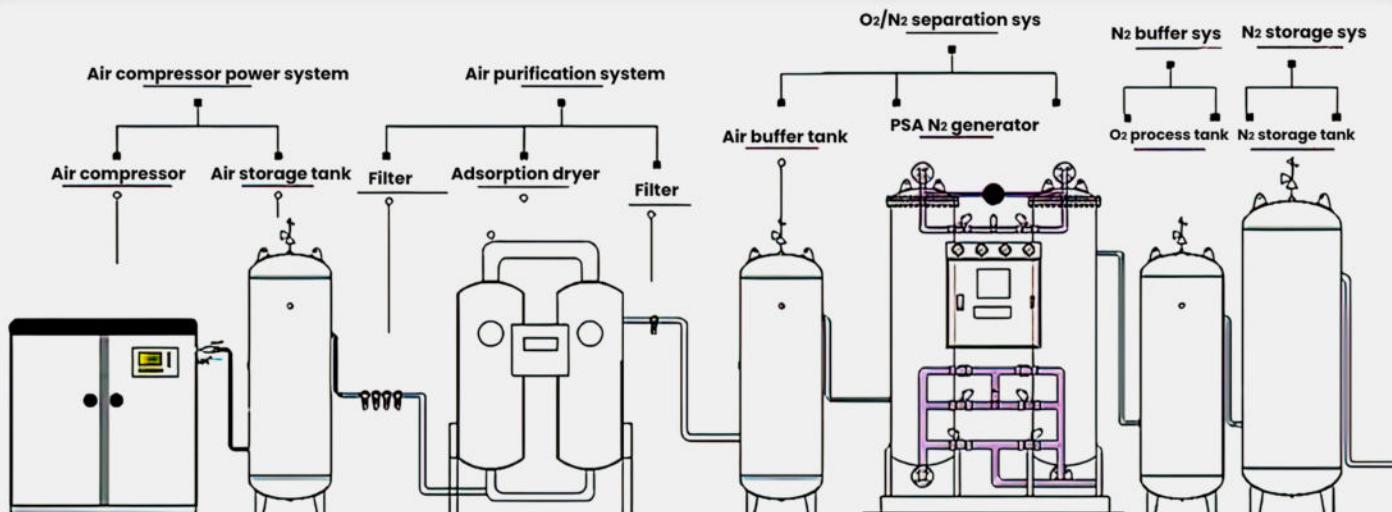
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

NITROGEN PURITY DETECTION MACHINE

ARAKI



Energy-Efficient
Operation



Durable
Construction



Safety
Features



DESCRIPTION

Customized Industrial User-friendly Portable Laser Cutting Cast Iron Floor Standing Advanced Efficient Cost-effective High Purity Nitrogen Generator

Portable Design for Flexibility

- Our nitrogen generator features a portable design, allowing for easy mobility and flexibility in laser cutting operations.
- The portable nature of the generator enables it to be conveniently transported and set up in different locations, providing nitrogen wherever it is needed.

High Production Capacity

- With a production capacity of 60Nm³/hr, our generator meets the demands of laser cutting processes that require a substantial nitrogen supply.
- The high production capacity ensures a consistent and reliable nitrogen flow, supporting efficient and uninterrupted laser cutting operations.

99.99% Nitrogen Purity

- The nitrogen gas produced by our generator boasts a purity level of 99.99%, ensuring optimal performance and quality in laser cutting applications.
- This high level of purity reduces the risk of oxidation and delivers precise and clean cuts on cast iron materials.

Optimized for Laser Cutting on Cast Iron

- Our nitrogen generator is specifically designed and optimized for laser cutting applications on cast iron materials.
- It addresses the unique requirements of cast iron laser cutting, providing a reliable and high-purity nitrogen supply for enhanced cutting precision and quality.

NITROGEN PURITY DETECTION MACHINE

 ARAKI

DESCRIPTION

Portable and Easy-to-Use Controls

- The generator features user-friendly controls, allowing for easy operation and adjustment of parameters to meet specific cutting requirements.
- The portable design ensures that controls are conveniently accessible, providing flexibility and ease of use during laser cutting processes.

Advanced Monitoring and Safety Features

- The generator is equipped with advanced monitoring and safety features to ensure optimal performance and operator safety.
- Real-time monitoring of nitrogen purity, flow rate, and system status, combined with safety mechanisms, helps maintain efficient and safe laser cutting operations.

Energy-Efficient Operation

- Our nitrogen generator is designed for energy efficiency, optimizing power consumption while delivering a consistent flow of nitrogen.
- The energy-efficient operation contributes to cost savings and sustainability, making it an environmentally friendly choice for laser cutting applications.

Durable Construction for Industrial Environments

- Built with durability in mind, our generator is designed to withstand the rigors of industrial environments.
- Its robust construction ensures reliable performance, minimal maintenance requirements, and long-term durability, supporting uninterrupted laser cutting operations.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

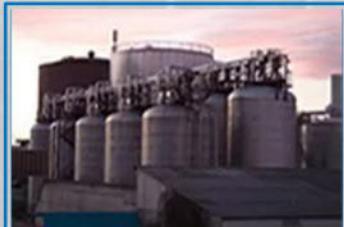
NITROGEN PURITY DETECTION MACHINE

ARAKI

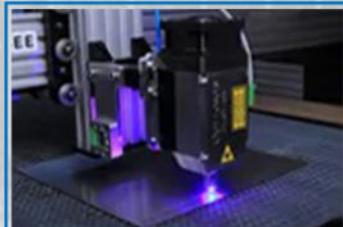
APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass

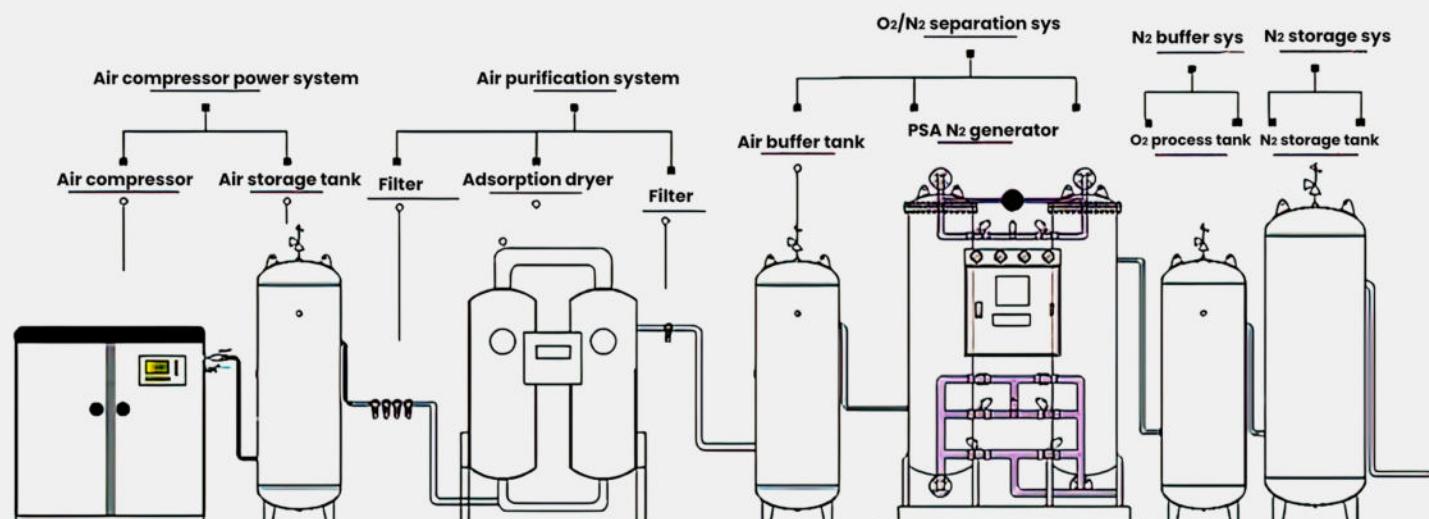


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM



ADSORPTION NITROGEN GENERATOR 99.99%

ARAKI



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

ADSORPTION NITROGEN GENERATOR 99.99%

ARAKI

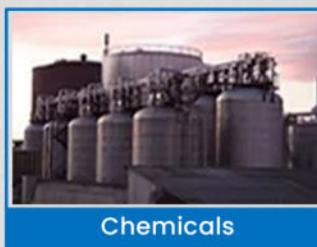
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
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Model	Intelligent
Mobile Way	Floor standing

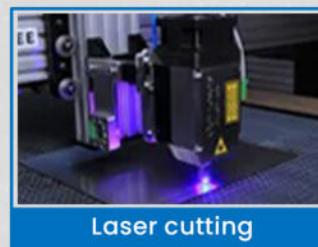
APPLICATION AREA



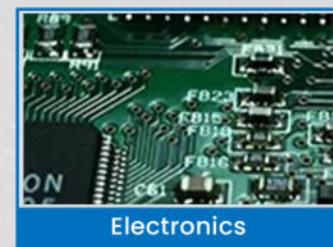
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

ADSORPTION NITROGEN GENERATOR 99.99%

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

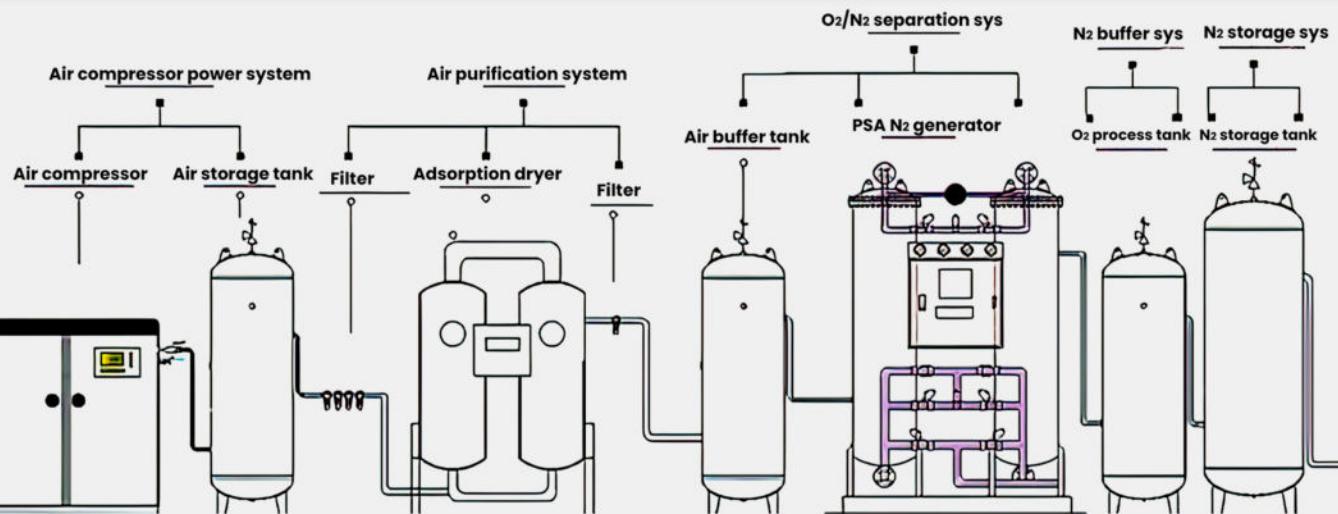
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

HEAT TREATMENT NITROGEN PRODUCTION SYSTEM

ARAKI



Energy-Efficient
Operation



Durable
Construction



Safety
Features



DESCRIPTION

Nitrogen Generator Introduction

Nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

HEAT TREATMENT NITROGEN PRODUCTION SYSTEM

ARAKI

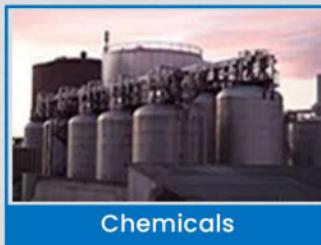
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

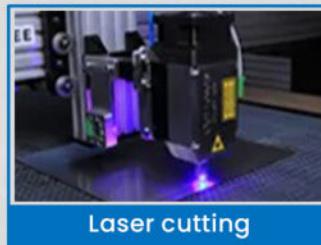
APPLICATION AREA



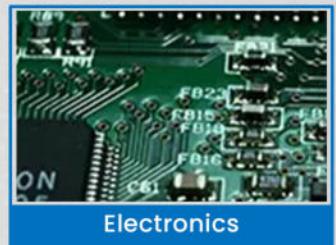
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

HEAT TREATMENT NITROGEN PRODUCTION SYSTEM

ARAKI

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

Suzhou Jiaye Purification Technology nitrogen machine series has a rich product line, designed to meet the needs of different customers. From small, laboratory-scale nitrogen plants to large, industrial nitrogen systems, we offer customized solutions.

2. Particularity of material

We manufacture nitrogen machines using high-quality materials and components to ensure the durability and reliability of the equipment. Key components such as the adsorption tower and nitrogen purification system are made of high-quality stainless steel or special alloy materials to resist corrosion and wear and extend the service life of the equipment. In addition, all seals and valves are made of high temperature and chemical resistant fluororubbers to ensure good sealing performance in harsh environments.

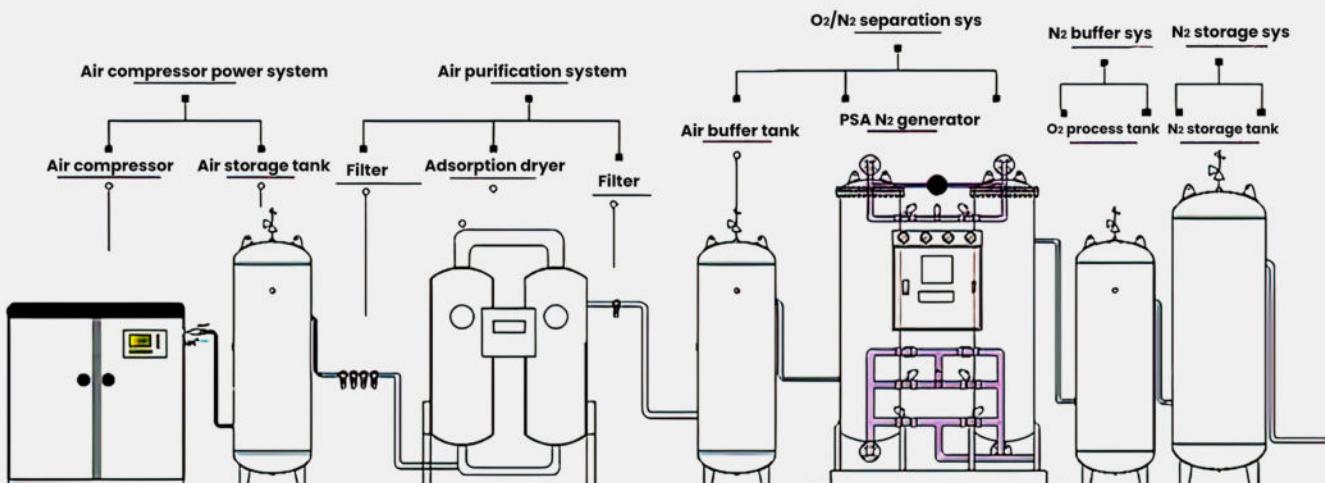
3. Efficient and energy saving

The nitrogen making machine of Suzhou Jianye Purification Technology adopts advanced compressed air purification technology, which can produce high purity nitrogen with low energy consumption. By optimizing the process flow and improving the structure of the equipment, we successfully reduced the operating cost and energy consumption of the equipment. Compared to traditional nitrogen production methods, our nitrogen production machines can save up to 30% of energy consumption.

4. Intelligent control

Our nitrogen machine is equipped with advanced intelligent control system, which can monitor the operating status of the equipment in real time and automatically adjust the process parameters to ensure the stability of nitrogen quality and output. At the same time, the user can easily operate and monitor the device through the touch screen or remote control interface, which greatly improves the ease of use and convenience of the device.

PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting: confirm the power connection and check the status of all pipes and valves.
2. Start the nitrogen machine: Turn on the power, press the start button, and observe whether the equipment runs normally. Adjust nitrogen flow rate and purity: Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.
3. Monitoring during use: Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.
4. Shutdown operation: Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

ADSORPTION NITROGEN GAS GENERATOR



Energy-Efficient Operation



Durable Construction



Safety Features



DESCRIPTION

A nitrogen generator is an industrial device designed to separate nitrogen from atmospheric air. It primarily operates on the principle of either pressure swing adsorption (PSA) or membrane separation techniques. These machines are engineered to provide a consistent flow of high-purity nitrogen gas, which is essential for various applications across different industries.

The basic function of a nitrogen generator is to remove oxygen and other impurities from compressed air, leaving behind nitrogen gas. This process ensures a reliable and safe supply of nitrogen without the need for external cylinder deliveries, thus reducing operational costs and enhancing safety.

Nitrogen generators are widely used in sectors such as food packaging, where the inert nature of nitrogen helps prevent oxidation and extends shelf life. They are also utilized in the electronics industry for component cleaning and protection during manufacturing processes.

Moreover, these generators are valued for their ability to offer customized nitrogen flow rates and purity levels to meet specific application requirements. With advancements in technology, modern nitrogen generators are increasingly energy-efficient, compact, and easy to operate, making them a cost-effective and sustainable solution for nitrogen generation.

ADSORPTION NITROGEN GAS GENERATOR

ARAKI

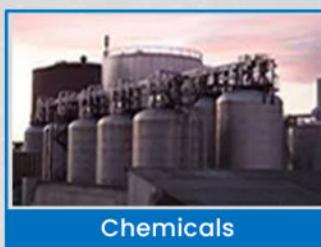
Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

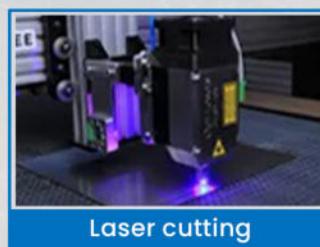
APPLICATION AREA



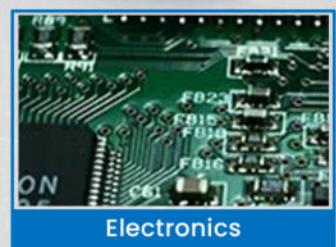
Oil & gas



Chemicals



Laser cutting



Electronics



Food and beverages



Glass



Metallurgy



Pharmaceuticals

ADSORPTION NITROGEN GAS GENERATOR

Nitrogen machine product advantages and characteristics

1. Diversity of product functions

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2. Particularity of material

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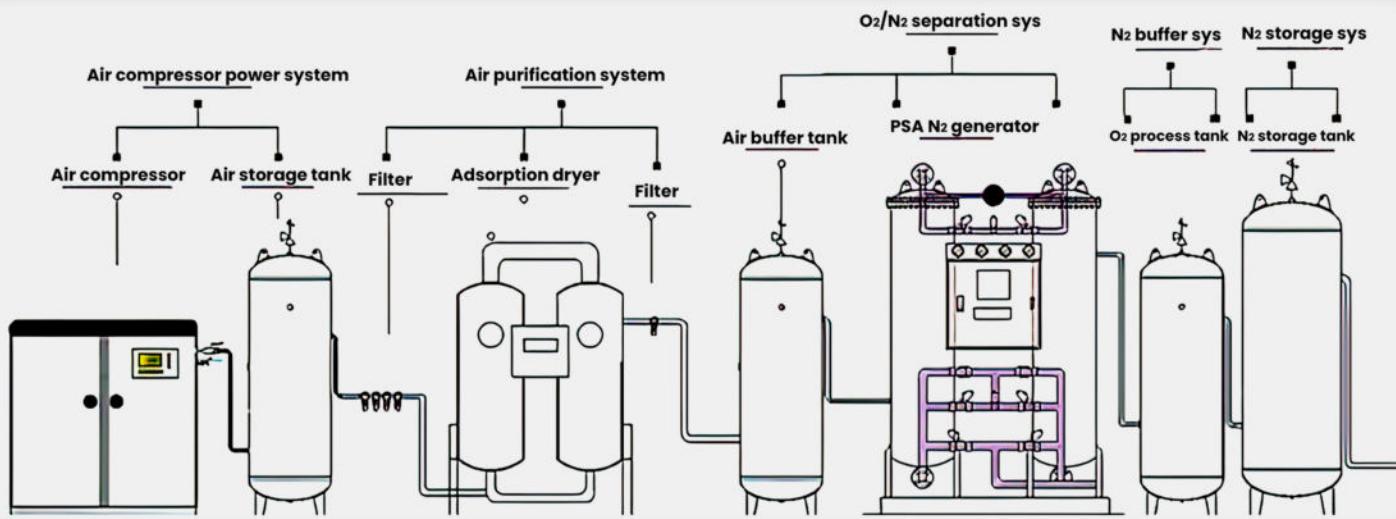
3. Efficient and energy saving

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4. Intelligent control

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PSA NITROGEN GENERATOR SYSTEM



The operation of the nitrogen purification machine can be summarized as the following steps:

1. Check before starting:

confirm the power connection and check the status of all pipes and valves.

2. Start the nitrogen machine:

Turn on the power, press the start button, and observe whether the equipment runs normally.

3. Adjust nitrogen flow rate and purity:

Adjust relevant valves and controllers according to demand to achieve the required nitrogen flow rate and purity.

4. Monitoring during use:

Periodically check the operating status of the equipment to ensure stable nitrogen flow rate and purity.

5. Shutdown operation:

Gradually shut down the nitrogen machine according to the shutdown procedure to ensure the safe stop of the equipment.

The above steps are for reference only, the specific operation please follow the user manual of Suzhou Jianye purification nitrogen machine. In the process of use, be sure to follow the safety operation specifications to ensure the safety of the equipment and personal safety.

LOW-COST NITROGEN GENERATOR FOR BAR INDUSTRY



Safety
Features



Durable
Construction



Energy-Efficient
Operation



DESCRIPTION

Durable Energy-saving Advanced Robust High Purity PSA Nitrogen Generator for Chemical Industry

PSA Technology for High Purity Nitrogen

Our nitrogen generator utilizes advanced Pressure Swing Adsorption (PSA) technology to efficiently separate nitrogen from the surrounding air. The PSA process ensures the production of nitrogen with an exceptional purity level of 99.999% to meet the stringent requirements of the chemical industry. Rely on our generator for the highest purity nitrogen supply.

High Production Capacity

With a production capacity of 150Nm³/hr, our generator provides a substantial nitrogen supply to support large-scale chemical industry operations. The high production capacity ensures a consistent and reliable nitrogen supply for various chemical processes, enhancing productivity and efficiency. Scale up your chemical operations with confidence.

99.999% Nitrogen Purity

The nitrogen gas produced by our generator boasts an ultra-high purity level of 99.999%. This level of purity eliminates the presence of impurities, moisture, and oxygen, ensuring the integrity and quality of chemical reactions and processes. Maintain the highest standards of purity for your critical chemical applications.

Optimized for Chemical Industry Usage

Our nitrogen generator is specifically designed and optimized for chemical industry applications. It addresses the unique requirements of chemical processes, providing a reliable and high-purity nitrogen supply for reactions, inerting, purging, and other critical applications. Tailor-made for your chemical processes.

LOW-COST NITROGEN GENERATOR FOR BAR INDUSTRY

DESCRIPTION

The Hot Sale -60 Degree Dew Point SMT Industry PSA Nitrogen Generator is built to meet the highest industry standards, making it a reliable and durable solution for your SMT production needs. Its compact design allows for easy installation and integration into your existing setup.

Investing in this nitrogen generator will not only improve the quality and efficiency of your SMT processes but also contribute to cost savings in the long run. By producing nitrogen on-site, you eliminate the need for expensive nitrogen cylinders and reduce dependence on external suppliers.

Experience the benefits of a professional-grade nitrogen generator with the 40Nm³/hr 99.999% High Purity Hot Sale -60 Degree Dew Point SMT Industry PSA Nitrogen Generator. Enhance your SMT production capabilities and ensure the highest quality standards with this reliable and efficient solution.

Nitrogen Generator Specification

Production Rate	3-5000 Nm ³ /h
Voltage	220V/380V
Weight	3200 KG
Dimension (L*W*H)	Customized solutions
Warranty	1 Year
Warranty Of Core Components	1 Year
Core Components	PLC, Air compressor, Cold dryers, Filter, Air storage tank, Nitrogen generator composition
Nitrogen Capacity	3-5000 Nm ³ /hr
Nitrogen Purity	95%-99.9995%
Nitrogen Pressure	0.1-0.7 Mpa
Dew Point	<=45°C
Model	Intelligent
Mobile Way	Floor standing

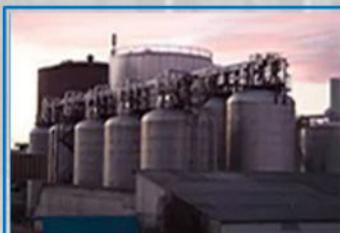
LOW-COST NITROGEN GENERATOR FOR BAR INDUSTRY

ARAKI

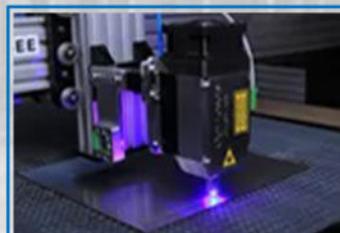
APPLICATION AREA



Oil & Gas



Chemicals



Laser Cutting



Electronics



Food and Beverages



Glass

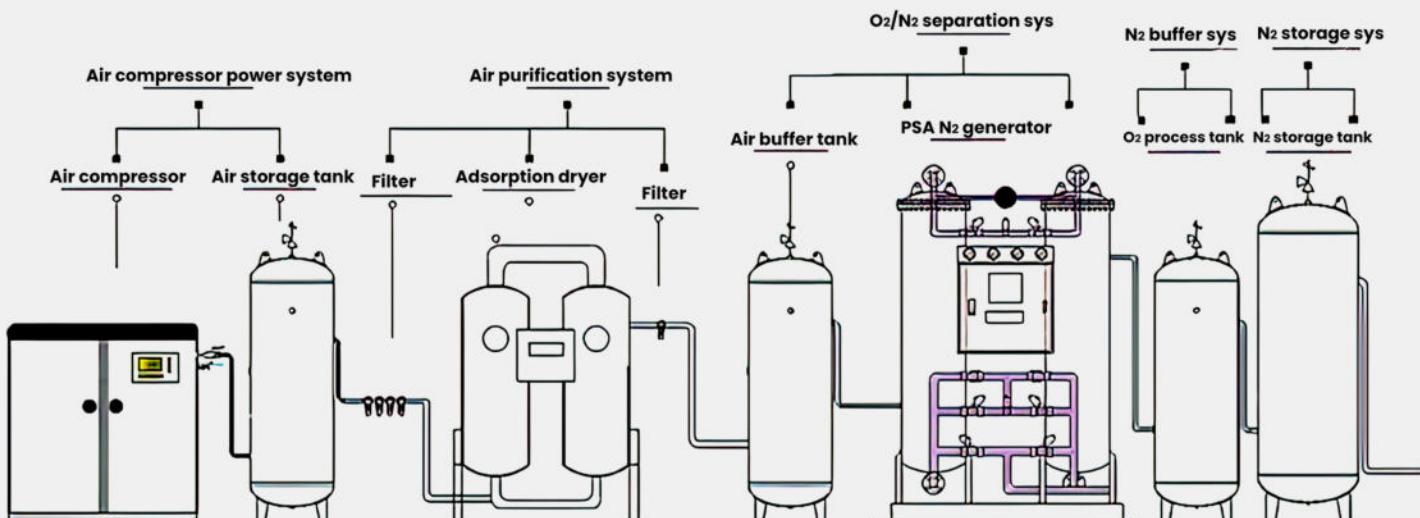


Metallurgy



Pharmaceuticals

PSA NITROGEN GENERATOR SYSTEM





PT. INDOTARA PERSADA

Our Marketing Office and After Sales Service Center

Head Office

50/F, Menara BCA Grand Indonesia
Jl. M.H. Thamrin No.1
Jakarta Pusat 10310
021 - 5011 2224
dce@indotara.id



Semarang Office

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smg.dce@indotara.id



Marketing Office

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Medan Office

Sutomo Tower Lantai 5H
Jl. Sutomo Ujung No.28,
Kota Medan, Sumatera Utara 20235
061 - 50 300 600
mdn.dce@indotara.id



Graha Indotara

Millenium Industrial Estate
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dce@indotara.id



Makassar Office

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Bandung Office

Wisma HSBC Lt. 6 Suite B
Jl. Asia Afrika No. 116
Bandung, Jawa Barat 40112
021 - 5011 2224
bdg.dce@indotara.id



Balikpapan Office

Panin Tower Lt. 8 - Grand Sudirman
Jl. Jendral Sudirman No.7 Klandasan Ilir,
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bpp.dce@indotara.id



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