

Fully automatic nitrogen generator for general use

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: CE
- Model Number: MD
- Minimum Order Quantity: 1set
- Price: Negotiate
- Packaging Details: Plywood or other type
- Delivery Time: 35work days
- Payment Terms: T/T
- Supply Ability: 8set/month



Product Specification

- Warranty: 1 Year
- Usage: Nitrogen
- Condition: New
- Voltage: 220v/380v/50-60hz
- Purity: 95%-99.9995%
- Power(w): 0.5kw
- Color: Customized
- Technology: Pressure Swing Adsorption (PSA)
- Product Name: PSA Nitrogen Generator
- Type: Pressure Swing Adsorption(PSA)
- Capacity: 5~1200m3/h
- Highlight: **automatic psa nitrogen generator, automatic onsite nitrogen generation, generator onsite nitrogen generation**



More Images



Product Description

Fully automatic nitrogen generator, for general use

Pressure swing adsorption (PSA) nitrogen generator is a safe, convenient, and energy-saving method for directly producing nitrogen on site. Compressed air contains 79% nitrogen,

It is not only the raw material for nitrogen production mechanism, but also the energy source for nitrogen production machine to achieve 99.999% high-purity nitrogen production. The nitrogen generator utilizes pressure swing adsorption technology,

The core material molecular sieve absorbs oxygen to produce nitrogen when passing through compressed air and releases adsorbed oxygen during depressurization to achieve repeated nitrogen gas.

Technical characteristics

1. The raw air is taken from nature, and only compressed air and power supply are needed to produce nitrogen. The equipment has low energy consumption and low operating costs.
2. The purity adjustment of nitrogen is convenient, and the purity of nitrogen is only affected by the amount of nitrogen discharged. The purity of ordinary nitrogen production is Adjust freely between 95% and 99.99%; The high-purity nitrogen generator can be adjusted freely between 99% and 99.999%.
3. The equipment has a high degree of automation, fast gas production, and can be unmanned. To start or shut down, simply press the button and nitrogen will be generated within 10-15 minutes of starting up.
4. The equipment process flow is simple, the equipment structure is compact, the footprint is small, and the equipment device has strong adaptability.
5. The blizzard method is used to load molecular sieves, avoiding the phenomenon of molecular sieve pulverization caused by high-pressure airflow impact, and ensuring the long-term use of molecular sieves.
6. The digital flowmeter is a secondary instrument for industrial process monitoring with pressure compensation and high precision, and has the function of instantaneous flow rate and cumulative calculation.
7. Imported analyzer for online detection, high precision, maintenance free.

PSA nitrogen generator Details

Purity: 95%-99.999%

Capacity: 5-1500Nm³/Hour

Dew point: ≤-40

Air source pressure: 0.75-1.0Mpa

Nitrogen-making pressure: 0.1-0.6Mpa

Material

Carbon steel, Stainless steel 304

NOTICE

The following parameters, drawings, and photos are only for your reference. The final accurate product information will be supplied with the quotation packages.

Detail specification please contact our sales.



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