

## Fully Automatic High Pressure Nitrogen Generator PSA System For Nitrogen

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: CE
- Model Number: NG
- Minimum Order Quantity: 1set
- Price: negotiation
- Packaging Details: Plywood or other type
- Delivery Time: 25work days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 4set/month



### Product Specification

- Air Factor: 2.6~3.5
- Purity: 95%-99.9995%
- Dew Point: Less Than -50°C
- Guarantee: 1 Year
- Marketing Type: Hot Product 2022
- Material: Carbon Steel, Stainless Steel
- Technology: Pressure Swing Adsorption (PSA)
- Operation Mode: Automatic
- Nitrogen Capacity: 400 Nm3 / Hour
- Certificates: BV, CCS, ISO, TS
- Reliability: High
- Nitrogen Output: Continuous
- Valve Brand: Powerbuilder Burkert Gemu
- Atmospheric Dew Point: ≤ 60
- Air Compressor: Equip



### More Images



## Product Description

### Description

#### PSA NITROGEN GENERATOR

PSA nitrogen generator is an advanced gas separation technology that uses high-quality carbon molecular sieve as an adsorbent and uses PSA at normal temperature to separate air to produce high purity nitrogen. According to the different diffusion rates of oxygen and nitrogen on the surface of molecular sieve and the difference of selective adsorption of nitrogen and oxygen by carbon molecular sieve, oxygen and nitrogen can be separated and nitrogen can be made continuously under PSA. PSA oxygen and nitrogen technology, easy to use, safe and reliable, low cost, is a kind of industrial production of oxygen with high-cost performance.

### Gas diffusion device:

Original airflow diffuser: The compressed air is forcibly diverted to a surface diffusion mode to avoid the airflow dead angle and tunneling effect, and improve the utilization rate of adsorbent and nitrogen production.

The conventional two gas diffusers are easy to produce dead angles of gas flow, resulting in the inability of the adsorbent to be fully utilized, and it is easy to cause the pulverization and tunneling reaction of the adsorbent, which directly affects the nitrogen quality and the life of the adsorbent.

### Specification

PSA Nitrogen Generator

Nitrogen capacity: 80Nm<sup>3</sup>/h

Nitrogen purity: 95%-99.999%

Nitrogen pressure: 0.5-0.8Mpa

Nitrogen dew point: ≤-40 (Atmosphere)

Power supply : 0.2kw 220v 50Hz

Tag: PSA nitrogen generator



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