

## Fully automatic PSA nitrogen generator, Unattended, Remote control, Remote indicate

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: Negotiate
- Packaging Details: Plywood or other type
- Delivery Time: 45work days
- Payment Terms: T/T
- Supply Ability: 6set/month



### Product Specification

- Warranty: One Year
- Usage: Nitrogen
- Condition: New
- Voltage: 220v/380v/50-60hz
- Purity: 95%-99.9995%
- Color: Customized
- Technology: Pressure Swing Adsorption (PSA)
- Name: Nitrogen Generator
- Highlight: **automatic psa nitrogen generator, fully automatic psa nitrogen generator, automatic onsite nitrogen generation**



### More Images



## Product Description

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### Brief introduction

The fully automatic nitrogen generator is an efficient and intelligent gas separation equipment, and its core working principle is based on pressure swing adsorption (PSA) technology. This device can automatically complete the entire process of air compression, purification, separation, and nitrogen collection without manual intervention, greatly improving production efficiency and nitrogen purity.

The main components of a fully automatic nitrogen generator include an air compressor, purification system, separation system, and control system. The air compressor is responsible for compressing the air to a certain pressure, while the purification system removes impurities and moisture from the air to ensure the purity of the gas entering the separation system. The separation system uses high-quality carbon molecular sieves as adsorbents, and separates nitrogen and oxygen through pressure swing adsorption to obtain high-purity nitrogen. The control system is responsible for the automatic operation and monitoring of the entire equipment, ensuring its stable operation and continuous supply of nitrogen.

### Advantage

The fully automatic nitrogen generator has multiple advantages. Firstly, its high degree of automation enables unmanned operation, reducing labor costs. Secondly, nitrogen has high purity and can meet various high demand application scenarios. In addition, the fully automatic nitrogen generator also has advantages such as energy conservation, environmental protection, stable operation, and convenient maintenance.

### Specification

Purity: 95%---99.999%

Capacity: 5-1000Nm<sup>3</sup>/Hour

Dew point: ≤-40

Air source pressure: 0.75-1.0Mpa

Nitrogen-making pressure: 0.1-0.6Mpa



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