

## Laboratory Centralized Membrane Nitrogen Gas Generation System Air Products

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: CE
- Model Number: GPA
- Minimum Order Quantity: 1pcs
- Price: Negotiate
- Packaging Details: Carton
- Delivery Time: 15work days
- Payment Terms: T/T
- Supply Ability: 30pcs/month



### Product Specification

- Name: Nitrogen Generator(Membrane)
- Capacity: 3000l/min
- Purity: 95%-99.5%
- Size: 850\*750\*1980
- Work Pressure: 4-6barg
- Power: 220V 50Hz 0.2kw
- Weight: 138kg
- Package: Carton Package
- Highlight: **Laboratory Centralized nitrogen gas generation system**  
**, Membrane nitrogen gas generation system,**  
**Membrane air products nitrogen generator**

## Product Description

### 1. Product Overview

Membrane separation nitrogen generator is a nitrogen production method that utilizes membrane components as core components. Under certain pressure conditions, oxygen, nitrogen, water, and other gases in the air have different diffusion rates within the membrane module. Oxygen, water, carbon dioxide, and other gases have a faster diffusion rate, while inert gases such as nitrogen and argon have a slower diffusion rate, thus achieving gas separation at both ends of the membrane module.

Membrane separation nitrogen production equipment has the advantages of fast nitrogen production speed, lightweight equipment, easy movement, no moving parts, stable and reliable operation, and simple operation.

This product is a centralized gas supply method for laboratory use of nitrogen gas. The purity of nitrogen gas is between 95% and 99.5%, and the nitrogen flow rate can be selected between 100L/MIN and 300L/Min.

Simultaneously equipped with high-efficiency stainless steel filters, the gas quality reaches electronic level.

### 2. Product features

2.1 Using imported membrane components as the core, with a long service life.

2.2 The nitrogen production speed is fast, and the specified purity can be achieved after 10 minutes of startup.

2.3 The equipment has a simple structure, no moving parts, and extremely high reliability.

2.4 The device is lightweight, easy to move, and can be flexibly installed in various environments.

2.5 Equipped with zirconia type nitrogen purity detection instrument, with a long service life.

2.6 Display various nitrogen indicators online, easy to operate.

2.7 Optional remote working mode, achieving remote one click start/stop.

2.8 Optional MODBUS RTU/TCP communication to achieve centralized monitoring function.

### 3. Datasheet

No.	Item	Specification
1	Model	NG-***
2	Nitrogen	100L/min-300L/min
3	Purity	95%-99.5%
4	Power	220V/50Hz 0.2KW
5	Outlet size	1"BSPP
6	Nosie	N/A
7	Size	Depending on the model
8	Weight	Depending on the model
9	Other	No air compressor in generator



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