

## Membrane Separation Nitrogen Generator with 10-15 Years Membrane Life, Electrical Resistivity >1M Ω/cm, and 95-99.999% Nitrogen Purity

### Basic Information

- Brand Name: Membrane Generation
- Certification: ISO0001
- Model Number: 001
- Minimum Order Quantity: 1
- Price: \$100000
- Packaging Details: In Carton
- Delivery Time: The Complete Set Of Equipment Will Be Provided Within 45 Days After Receiving The Advance Payment.
- Payment Terms: 40% Of The Contract Amount Is Prepaid; 60% Of The Contract Amount Is Paid After The Goods Are Inspected And Approved Before Shipment. 5.4Equipment Unloading And Positioning



### Product Specification

- Electrical Resistivity: >1M Ω/cm
- Operating Temperature: 5-45
- Membrane Life: 10-15 Years
- Condition: New
- Flowrate: 1-1000 Nm<sup>3</sup>/h
- Membrane Module: Hollow Fiber
- Warranty: One Year
- Nitrogenpurity: 95-99.999%
- Highlight: **10-15 Years Membrane Life Nitrogen Generator , Electrical Resistivity >1M Ω/cm Membrane Nitrogen Generator , 95-99.999% Nitrogen Purity Membrane Separation Nitrogen Generator**

## Product Description

### Membrane Separation Nitrogen Generator

This advanced membrane separation nitrogen generator provides a reliable and efficient source of nitrogen gas for industrial applications. Featuring state-of-the-art membrane technology, it separates nitrogen from compressed air with exceptional performance and operational simplicity.

Engineered to deliver nitrogen purity from 95% to 99.999% with working pressure of 0.6-0.8 MPa, this system offers optimal membrane performance and stable nitrogen output for continuous operation.

### Technical Specifications

Parameter	Specification
Nitrogen Purity	95-99.999%
Flow Rate	1-1000 Nm <sup>3</sup> /h
Working Pressure	0.6-0.8 MPa
Operating Temperature	5-45
Electrical Resistivity	>1M $\Omega$ /cm
Membrane Life	10-15 Years
Pipeline Material	Stainless Steel
Shell Material	Carbon Steel
Noise Level	<65 dB
Membrane Module	Hollow Fiber
Warranty	One Year

### Key Features

**Long Membrane Life**

10-15 years of reliable operation

**High Electrical Resistivity**

Exceeds 1M  $\Omega$ /cm for sensitive applications

**Skid-Mounted Design**

Fully integrated, compact, and mobile solution

**Low Maintenance**

Simple operation with minimal maintenance requirements

### Industrial Applications

**Food Packaging:** Extends shelf life by displacing oxygen in packaging processes

**Electronics Manufacturing:** Creates inert atmospheres for soldering and assembly

**Chemical & Pharmaceutical:** Blanketing, purging, and inerting for safety and stability

**Metal Fabrication:** Prevents oxidation during welding and laser cutting

**Oil & Gas:** Pipeline purging and enhanced safety measures

### Product Details

**Brand:** Membrane Generation

**Model:** 001

**Origin:** Suzhou, China

**Certification:** ISO0001

**Condition:** New

## Ordering Information

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**Minimum Order Quantity:** 1 unit

**Price:** \$100,000

**Delivery Time:** 45 days after advance payment

**Payment Terms:** 40% prepaid, 60% after inspection and approval

**Packaging:** In cartons

**Included Services:** Equipment unloading and positioning

## Technical Support & Services

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Comprehensive support including installation assistance, troubleshooting, system commissioning, and preventive maintenance plans. Technical support available for operational guidance and performance optimization.



**Suzhou Gaopu Ultra pure gas technology Co.,Ltd**



+8613912609547



luyycn@163.com



nitrogengeneratorsystem.com

No.161 Zhongfeng Street, Suzhou New District, Suzhou, P.R.China