

## Membrane Separation Nitrogen Generator with 10-15 Years Membrane Life, Noise Level Below 65 DB, and Operating Temperature 5-45 Degrees Celsius

### 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. 5.4 Equipment Unloading And Positioning



### Product Specification

- Working Pressure: 0.6-0.8 MPa
- Electrical Resistivity: >1M Ω/cm
- Installation: Skid-mounted
- Operating Temperature: 5-45
- Membrane Module: Hollow Fiber
- Pipeline: Stainless Steel
- Nitrogen purity: 95-99.999%
- Noise level: <65 DB
- Highlight: **10-15 Years Membrane Life Nitrogen Generator , Noise Level Below 65 DB Membrane Nitrogen Generator , Operating Temperature 5-45 Degrees Celsius Membrane Separation Nitrogen Generator**

## Product Description

### Membrane Separation Nitrogen Generator

The Membrane Separation Nitrogen Generator is an advanced, efficient solution for on-site nitrogen gas production. Utilizing hollow fiber membrane technology, this system provides a reliable and cost-effective alternative to traditional nitrogen supply methods. With flow rates ranging from 1 to 1000 Nm<sup>3</sup>/h, it serves both small-scale and large-scale industrial applications.

#### Key Features

- Nitrogen purity range: 95-99.999%
- Membrane life: 10-15 years
- Operating temperature: 5-45°C
- Noise level: Below 65 dB
- Skid-mounted design for easy installation
- Carbon steel construction with stainless steel pipelines
- Energy-efficient operation

#### Technical Specifications

Membrane Module	Hollow Fiber
Nitrogen Purity	95-99.999%
Warranty	One Year
Noise Level	<65 dB
Shell Material	Carbon Steel
Operating Temperature	5-45°C
Membrane Life	10-15 Years
Installation	Skid-mounted

#### Industrial Applications

This nitrogen generator is ideal for various industries including food packaging, electronics manufacturing, chemical processing, pharmaceuticals, metal heat treatment, and laboratory applications. The on-site nitrogen generation reduces dependency on external suppliers while ensuring consistent quality and safety.

#### Customization & Support

Custom solutions available with ISO-certified quality. Comprehensive technical support includes installation guidance, operator training, maintenance services, and genuine spare parts. Delivery within 45 days with flexible payment terms.

**Reliable Performance:** Advanced membrane separation technology ensures continuous high-purity nitrogen production with minimal maintenance requirements and low operational costs.



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