

Industrial Membrane Separation Nitrogen Generator 200Nm³/h 99.9% Purity with PLC + HMI Touch Screen Skid Mounted N₂ Plant

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: CE, ISO 9001
- Model Number: MSNG-200
- Minimum Order Quantity: 1 Set
- Price: USD 25000-120000 / Set
- Packaging Details: Export wooden case with waterproof lining and foam protection
- Delivery Time: 75 working days
- Payment Terms: T/T,L/C
- Supply Ability: 8 Sets per Month



Product Specification

- N₂ Purity: 99.9%
- Dew Point: -45 Deg C
- Membrane Life: 10-15 Years
- Control System: PLC + HMI Touch Screen
- Oil Content: 0.003 Ppm
- Noise Level: Below 65 DB(A)
- Highlight: **Skid Mounted Membrane N₂ Plant,
99.9% Purity Industrial N₂,
Membrane Separation N₂ Generator**

Product Description

Industrial Membrane Separation Nitrogen Generator 200Nm³/h 99.9% Purity Skid Mounted N₂ Plant

Industrial Membrane Separation Nitrogen Generator - Skid Mounted N₂ Plant

This skid mounted industrial membrane separation nitrogen generator is engineered for continuous plant-scale nitrogen supply, producing 200Nm³/h at 99.9% purity with minimal energy consumption and virtually zero maintenance downtime.

System Design

The complete package integrates a screw air compressor, refrigerated dryer, multi-stage coalescing and activated carbon filters, membrane separator and nitrogen buffer tank on a single structural steel skid, ready for plug-and-play installation.

Key Features

High efficiency membrane separation: optimized fiber bundle configuration for maximum nitrogen recovery

99.9% purity capability: suitable for demanding industrial processes

Energy saving operation: automatic capacity control follows actual gas demand

Robust skid construction: suitable for indoor and outdoor installation

Remote monitoring: RS485/Modbus interface for DCS integration

Technical Specifications

N ₂ Capacity	200 Nm ³ /h
N ₂ Purity	99.9% (adjustable 95%-99.9%)
Working Pressure	1.0-1.5 MPa
Dew Point	-45°C
Oil Content	0.003 ppm
Control System	PLC + HMI touch screen
Membrane Life	10-15 years
Noise Level	Below 65 dB(A)

Applications

Petrochemical plants
Offshore platforms
Mining operations
Fire prevention and inerting
Pipeline purging
Large-scale food storage

Ask our engineers for a customized membrane separation nitrogen generator design tailored to your site conditions.



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