

Advanced Gas Generation Equipment Full Automatic Membrane Nitrogen Generator 800 Nm³/h for Industrial N₂ Gas

Our Product Introduction

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Basic Information

- Place of Origin: Suzhou , China
- Brand Name: GASPU
- Certification: ISO 9001:2015, CE
- Model Number: GASPU-N2-375
- Minimum Order Quantity: 1 Set
- Price: USD 75,000-150,000 / Set
- Packaging Details: Export-grade seaworthy packing with shock-proof reinforcement
- Delivery Time: 30-50 working days after deposit
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 15 Sets per Month



Product Specification

- Nitrogen Purity: 95-99.9% (adjustable)
- Nitrogen Flow Rate: 800 Nm³/h
- Separation Technology: Polyimide Hollow Fiber Membrane
- Membrane Life: 10-15 Years
- Pressure Dew Point: -45 C
- Working Pressure: 0.8-1.2 MPa
- Control System: Siemens PLC Full Automatic With Remote Monitoring
- Air Treatment: Integrated Air Compressor, Dryer And Three Stage Filtration
- Noise Level: 70 DB(A) At 1 M
- Power Supply: 380V/50Hz, 3 Phase
- Application: Large Scale Industrial N₂ Gas Generation
- Warranty: 12 Months
- Highlight: **Advanced Gas Generation Equipment, Membrane Nitrogen Generator 800 Nm³/h,**



More Images



Product Description

Advanced Gas Generation Equipment Full Automatic Membrane Nitrogen Generator 800 Nm³/h

Advanced Gas Generation | Full Automatic PLC | 800 Nm³/h | Up to 99.9% Purity

The GASPU-MNG-800 is **advanced gas generation equipment** for plants with large nitrogen demand. A **full automatic membrane nitrogen generator** rated at 800 Nm³/h delivers 95-99.9% nitrogen from a polyimide hollow fiber membrane array, replacing bulk liquid nitrogen supply with a stable, controllable on-site N₂ gas source.

Key Selling Points

Advanced Gas Generation Equipment: Integrated compressor, air treatment, membrane array and buffer storage engineered as one gas generation plant with single point control.

Full Automatic Membrane Nitrogen Generator: Siemens PLC runs start-up, purity regulation and remote monitoring, with alarm relay outputs to the plant DCS.

800 Nm³/h Capacity: High flow output for continuous industrial N₂ gas demand in refining, chemicals, metallurgy and electronics.

Up to 99.9% Purity: Polyimide hollow fiber membranes hold purity stable across the turndown range, with purity selectable on the HMI.

Efficient and Quiet: Optimised membrane array and air treatment keep specific power low and running noise at 70 dB(A).

Industrial N₂ Gas Generator: Skid mounted with 10-15 year membrane life, minimal moving parts and 12-month warranty.

Technical Specifications

Parameter	Value
Model	GASPU-N2-375
Nitrogen Purity	95-99.9% (adjustable)
Nitrogen Flow Rate	800 Nm ³ /h
Separation Technology	Polyimide hollow fiber membrane
Membrane Life	10-15 years
Pressure Dew Point	≤ -45°C
Working Pressure	0.8-1.2 MPa
Control System	Siemens PLC full automatic
Power Supply	380V/50Hz, 3 phase
Application	Large scale industrial N ₂ gas generation

Application Scope

Suited to refinery and chemical plant inerting, tank farm blanketing, metallurgical protection gas, electronics and battery manufacturing, plus large packaging lines needing continuous industrial N₂ gas.



Contact us today for this advanced gas generation equipment package with full automatic membrane nitrogen generator for your industrial N2 gas plant.



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