

Nitrogen Plant China Manufacturer 99.9% Purity Modular Nitrogen Generator 100 Nm³/H

Our Product Introduction

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Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: FLY SPEED
- Certification: CE, ISO 9001:2015
- Model Number: FS-N2-100MD
- Minimum Order Quantity: 1 Set
- Price: USD 13,000-42,000 / Set
- Packaging Details: Export wooden case with PE film protection, sea-worthy packing
- Delivery Time: 30-40 working days
- Payment Terms: T/T, L/C
- Supply Ability: 12 Sets per Month



Product Specification

- Nitrogen Purity: 99.9% (O₂ ≤ 1000 Ppm)
- Capacity: 100 Nm³/H Per Module
- Pressure Dew Point: ≤ -45 Deg C
- Air Source Pressure: 0.75 - 1.0 MPa
- Nitrogen Outlet Pressure: 0.1 - 0.8 MPa
- Voltage: 220V/380V/440V 50/60Hz
- Adsorbent: Carbon Molecular Sieve (CMS)
- Control System: PLC + Touch Screen HMI
- Expansion: Parallel Module Addition
- Warranty: 1 Year
- HS CODE: 8419609090
- Highlight: **China Modular Nitrogen Plant,
99.9% Purity N₂ Generator,
100 Nm³/H On-Site Gas System**

Product Description

Nitrogen Plant China Manufacturer 99.9% Purity Modular Nitrogen Generator

The **Modular Nitrogen Generator** from a leading **China manufacturer** delivers **100 Nm³/H** of **99.9%** purity nitrogen for on-site gas generation. This modular nitrogen plant offers flexible capacity expansion, factory-direct pricing and reliable CMS adsorption technology for industrial gas production.

Product Attributes

Attribute	Value
Brand Name	Fly Speed
Model Number	FS-N2-100MD
Capacity	100 Nm ³ /H (Modular)
Nitrogen Purity	99.9%
Manufacturer	China Factory Direct
HS CODE	8419609090

Core Features & Advantages

Modular Design: Standardized modules allow capacity expansion by adding units - grow as demand grows.

China Factory Direct: Competitive manufacturer pricing with no middleman markup.

99.9% Purity: Reliable CMS adsorption delivers consistent nitrogen for industrial gas applications.

Quick Installation: Pre-assembled modules reduce on-site installation time and cost.

Making Gas Nitrogen: Complete on-site nitrogen production replacing cylinder and liquid supply.

Flexible Configuration: Multiple modules can run in parallel for higher total output.

Technical Specifications

Parameter	Value
Nitrogen Capacity	100 Nm ³ /H per module
Nitrogen Purity	99.9% (O ₂ ≤ 1000 ppm)
Pressure Dew Point	≤ -45°C
Air Source Pressure	0.75 - 1.0 MPa
Nitrogen Outlet Pressure	0.1 - 0.8 MPa (adjustable)
Voltage	220V / 380V / 440V, 50/60Hz
Adsorbent	Carbon Molecular Sieve (CMS)
Control System	PLC + Touch Screen HMI
Expansion	Parallel Module Addition

Applications

Used for on-site nitrogen production in metal processing, chemical plants, food packaging, electronics and general industrial gas supply.

FAQ

Q: How does modular expansion work?

A: Add standard modules in parallel to increase total nitrogen output without replacing existing equipment.

Q: Why choose a China manufacturer?

A: Factory-direct pricing, mature PSA technology and proven export experience deliver excellent value.

Contact us today! Fly Speed supplies modular nitrogen plants with 99.9% purity from our China factory.



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