

Nitrogen Generator Package 500Nm³/H High Purity N₂ Production Skid 99.999% NP-500

Our Product Introduction

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Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: GASPU
- Certification: ISO 9001:2015, CE
- Model Number: NP-500
- Minimum Order Quantity: 1 Set
- Price: USD 280,000 - 450,000 / Set
- Packaging Details: Export-grade wooden case with shock-proof packing, sea-worthy for container shipment
- Delivery Time: 90-150 working days
- Payment Terms: T/T, L/C
- Supply Ability: 5 Sets per Month



Product Specification

- Nitrogen Flow Rate: 500 Nm³/h
- Nitrogen Purity: 99.999%
- Outlet Pressure: 0.8 MPa
- Dew Point: -70 C
- Technology: Pressure Swing Adsorption (PSA)
- Control System: PLC + Touch Screen HMI
- Power Supply: 380V / 3 Phase / 50Hz
- Highlight: **Complete Nitrogen Generator Package,
High Purity Nitrogen Generator Package,
500Nm³/H Nitrogen Generator Package**

Product Description

Nitrogen Generator Package - 500 Nm³/h High Purity N₂ Production Skid (NP-500)

The **NP-500 Nitrogen Generator Package** is a high-capacity, complete N₂ production skid that delivers **500 Nm³/h** of nitrogen at **99.999% purity**. Built for large-scale industrial operations, it provides an uninterrupted, ultra-high-purity on-site nitrogen supply with minimal operating cost.

Key Advantages

500 Nm³/h Capacity: High-volume continuous nitrogen output for demanding production environments.

99.999% Purity: Ultra-high-purity nitrogen suitable for the most sensitive processes.

Complete Package: Fully integrated skid with air treatment, PSA towers and buffer tank for fast commissioning.

Smart Automation: PLC + touch-screen HMI with remote monitoring for unattended 24/7 operation.

Low Operating Cost: Optimized PSA cycle minimizes compressed air and power consumption.

Technical Parameters

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Technology	Pressure Swing Adsorption (PSA)
Control System	PLC + Touch Screen HMI
Power Supply	380V / 3 Phase / 50Hz

Applications

Ideal for electronics manufacturing, chemical blanketing, metal heat treatment, food & beverage packaging and large-scale instrument air systems.



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