50Nm3/H Skid Mounted N2 System Nitrogen Generator Package 99.5% Purity NP-50

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: GASPU
- Certification: ISO 9001:2015, CE
- Model Number: NP-50
- Minimum Order Quantity: 1 Set
- Price: USD 45,000 - 80,000 / Set
- Packaging Details: Export-grade wooden case with shock-proof packing, sea-worthy for container shipment
- Delivery Time: 45-75 working days
- Payment Terms: T/T, L/C
- Supply Ability: 15 Sets per Month

Product Specification

- Nitrogen Flow Rate: 50 Nm3/h
- Nitrogen Purity: 99.5%
- Outlet Pressure: 0.7 MPa
- Dew Point: -40 C
- Technology: Pressure Swing Adsorption (PSA)
- Control System: PLC + Touch Screen HMI
- Power Supply: 380V / 3 Phase / 50Hz
- Highlight: **Complete Nitrogen Generator Package**, **Skid Mounted n2 generation package**, **99.5% Purity n2 generation package**

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Product Description

Nitrogen Generator Package - 50 Nm3/h Skid Mounted System (NP-50)

The **NP-50 Nitrogen Generator Package** is a complete, skid-mounted nitrogen generator package that produces**50 Nm3/h** of high-purity nitrogen at **99.5% purity** directly on-site. Based on Pressure Swing Adsorption (PSA) technology, it provides a continuous, reliable N2 supply while eliminating the cost and handling of bottled or liquid nitrogen.

Key Advantages

Complete Package: Pre-assembled skid integrates PSA towers, air treatment, buffer tank and control system for fast installation.
99.5% Purity: Stable output purity from 95% up to 99.999% to match your process requirement.
On-Site Supply: Produce nitrogen where you need it, with no delivery delays or cylinder handling.
Full Automation: PLC control with touch-screen HMI enables unattended 24/7 operation.
Low Running Cost: Only consumes compressed air and electricity, cutting nitrogen cost by up to 50%.

Technical Parameters

Nitrogen Flow Rate	50 Nm3/h
Nitrogen Purity	99.5%
Outlet Pressure	0.7 MPa
Dew Point	-40 C
Technology	Pressure Swing Adsorption (PSA)
Control System	PLC + Touch Screen HMI
Power Supply	380V / 3 Phase / 50Hz

Applications

Suitable for instrument air, food packaging, electronics manufacturing, chemical blanketing and laser cutting.

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