

100 Nm3/h Capacity 99% Purity PSA Nitrogen Generator with PLC Automatic Control for Industrial On-Site N2 System

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GASPU
- Certification: ISO 9001:2015, CE
- Model Number: GPN-99-100
- Minimum Order Quantity: 1 Set
- Price: USD 30000-120000 / Set
- Packaging Details: Export wooden case package with foam protection
- Delivery Time: 35-50 working days
- Payment Terms: T/T,L/C
- Supply Ability: 15 Sets per Month



Product Specification

- Nitrogen Purity: 99%
- Flow Rate: 100 Nm3/h
- Working Pressure: 0.6-1.0 MPa
- Control System: PLC Automatic
- Voltage: 380V 50Hz 3Phase
- Design: Container Skid-Mounted
- Highlight: **100 Nm3/h Capacity, 99% Purity N2 Generator, On-Site Nitrogen Production**

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Product Description

100 Nm³/h Capacity PSA Nitrogen Generator Machine 99% Purity On-Site N₂ System

The **100 Nm³/h Capacity PSA Nitrogen Generator Machine** is engineered for industrial users who need large-volume, high-efficiency on-site nitrogen supply. Based on Pressure Swing Adsorption (PSA) technology with premium carbon molecular sieves, this machine continuously produces 99% purity nitrogen at a rated capacity of 100 Nm³/h, eliminating dependence on cylinder delivery and liquid nitrogen.

High Capacity Output

- Rated capacity of 100 Nm³/h meets medium and large workshop demand
- Continuous 24/7 nitrogen supply for uninterrupted production
- Stable 99% purity suitable for most industrial processes

Reliable PSA Technology

- Premium carbon molecular sieves for long service life
- Automatic PLC control with real-time purity monitoring
- Low energy consumption per Nm³ of nitrogen produced

Wide Industrial Applications

- Heat treatment and annealing atmosphere protection
- Laser cutting and metal processing
- Food packaging, chemical blanketing and electronics

Contact us today for a 100 Nm³/h PSA nitrogen generator machine tailored to your plant requirements.



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