

Compact Skid Design Fully Automatic PSA Nitrogen Generator with 99.99% Purity for Industrial Use

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GASPU
- Certification: CE, ISO 9001:2015
- Model Number: N2-MINI-5
- Minimum Order Quantity: 1 Set
- Price: USD 10,000-15,000 / Set
- Packaging Details: Export-grade plywood case with foam padding
- Delivery Time: 30 working days
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 10 Sets per Month



Product Specification

- Footprint: 1500 X 900 X 1600 Mm
- Nitrogen Purity: 99.99%
- Nitrogen Flow Rate: 5 Nm³/H
- Control System: PLC + Touch Screen HMI
- Power Consumption: 2.2 KW
- Output Pressure: 0.5-0.8 MPa
- Highlight: **Fully Automatic Compact Nitrogen Generator ,
Low Investment PSA N₂ Unit,
Mini Industrial Nitrogen System**

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Product Description

Compact Fully Automatic Mini PSA Nitrogen Generator 5Nm³/H 99.99% Purity for Low Investment

Compact Fully Automatic Mini PSA Nitrogen Generator 5Nm³/H

The GASPU N2-MINI-5 is a compact fully automatic PSA nitrogen generator designed for mini industrial applications where space is limited and budget matters. With a small footprint and low initial investment, this skid-mounted unit produces 5Nm³/H of nitrogen at 99.99% purity for demanding production lines.

Key Features & Competitive Advantages

- **Compact Skid Design:** All components pre-assembled on a single frame; plug-and-play installation in one working day.
- **Low Initial Investment:** Affordable turnkey solution that pays back quickly by replacing purchased liquid nitrogen or cylinder supply.
- **Fully Automatic PLC Control:** Auto start/stop, purity monitoring, remote alarm output and data logging via touch screen HMI.
- **Mini Industrial Reliability:** Seamless steel piping, hybrid steel frame, CE and ISO 9001:2015 certified.
- **Quiet Operation:** Sound-dampened enclosure with noise level ≤ 62 dB(A), office-friendly operation.

Technical Specifications

Model Number	N2-MINI-5
Nitrogen Flow Rate	5 Nm ³ /H
Nitrogen Purity	99.99%
Output Pressure	0.5-0.8 MPa
Control System	PLC + Touch Screen HMI
Operation Mode	Fully Automatic
Power Consumption	2.2 kW
Footprint (LxWxH)	1500 x 900 x 1600 mm
Noise Level	≤ 62 dB(A)

Common Applications

Metal heat treatment

Pharmaceutical inerting

Electronics soldering protection

Beverage nitrogen dosing

Chemical storage blanketing

Frequently Asked Questions

Q: Can the purity be adjusted?

A: Yes, purity from 95% to 99.99% is adjustable through the PLC panel.

Q: Is installation complicated?

A: No, the unit is plug-and-play. Our engineers provide remote commissioning guidance.

Q: What is the delivery time?

A: 30 working days after order confirmation.

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