

PSA Nitrogen Generator 60SCFM 99.99% Purity Industrial System

Our Product Introduction

for more products please visit us on nitrogengeneratorsystem.com

Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: CE
- Model Number: NG
- Minimum Order Quantity: 1set
- Price: negotiation
- Packaging Details: Plywood or other type
- Delivery Time: 25work days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 4set/month



Product Specification

- Name: Nitrogen Generator
- Payment: Negotiation
- Usage Life: 25years
- Air Compressor: Option
- Capacity: 60SCFM
- Nitrogen Dew Point: ≤ -40 (Atmosphere Pressure)
- Power Consumption: Wide Range Of Application
- Purity: 99.99%
- Highlight: **Automated PSA Nitrogen Generator, 60SCFM PSA Nitrogen Generator, Automated n2 generator system**



Product Description

Automated N2 PSA Nitrogen Generator System 60SCFM

Product Specifications

Attribute	Value
Name	Nitrogen Generator
Payment	Negotiation
Usage Life	25 years
Air Compressor	Option
Capacity	60SCFM
Nitrogen Dew Point	≤-40 (Atmosphere Pressure)
Power Consumption	Wide range of application
Purity	99.99%

High-Purity, Energy-Efficient Nitrogen Solution

This skid-mounted Pressure Swing Adsorption (PSA) system delivers high-purity nitrogen gas for critical industrial operations. The advanced PSA technology selectively separates nitrogen from compressed air, ensuring reliable on-demand supply with minimal energy consumption.

Key Features & Benefits

- **Superior Nitrogen Quality:** Delivers 97-99.99% purity with dew point ≤-40 for moisture-sensitive applications
- **Energy Efficiency:** Optimized PSA cycle minimizes energy use compared to traditional nitrogen supply methods
- **Customizable Design:** Skid-mounted configuration allows easy integration with optional air compressor
- **Reliable Operation:** Automated controls and robust construction for 24/7 performance in harsh environments
- **Long Service Life:** 20+ year lifespan with minimal maintenance requirements

Technical Specifications

Product Type	PSA Separation Nitrogen Generator
Capacity	60 SCFM
Inlet Pressure	8-13 barg
Purity Range	97-99.99%
Dew Point	≤-40 (atmospheric pressure)
Mobility	Skid-mounted (stationary or movable)

Industrial Applications

- Oil & Gas: Pipeline protection, tank blanketing
- Chemical Processing: Purging and inerting
- Food Packaging: Modified atmosphere packaging
- Medical: Sample preservation
- Manufacturing: Laser cutting, electronics

Frequently Asked Questions

What is the difference between 97% and 99.99% purity?

97% purity suits general industrial use while 99.99% is ideal for high-precision applications where oxygen contamination must be minimized.

Is the generator easy to install?

Yes. The skid-mounted design allows for quick on-site setup with optional installation support available.

How does the dew point affect my process?

A dew point of ≤-40 prevents moisture-related issues like corrosion in pipelines or short circuits in electronics.

Why Choose Our PSA Nitrogen Generator?

Eliminate expensive nitrogen cylinders with this sustainable, cost-effective solution offering reliable nitrogen supply and long-term ROI.

Keywords: PSA Nitrogen Generator, high-purity nitrogen, skid-mounted nitrogen generator, energy-saving nitrogen system, industrial nitrogen solution



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