

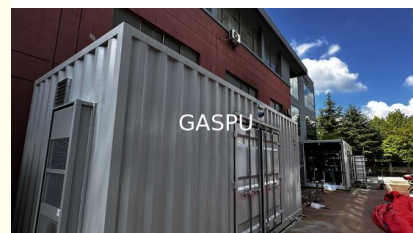
High Purity Fully Automatic PSA Nitrogen Generator 300 Nm3/h Containerized for Industrial Gas Storage

Our Product Introduction

for more products please visit us on nitrogengeneratorsystem.com

Basic Information

- Place of Origin: Suzhou, China
- Brand Name: GASPU
- Certification: ISO 9001:2015, CE
- Model Number: GASPU-N2-372
- Minimum Order Quantity: 1 Set
- Price: USD 85,000-135,000 / Set
- Packaging Details: 20ft or 40ft ISO container with internal seaworthy bracing
- Delivery Time: 35-50 working days after deposit
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 15 Sets per Month

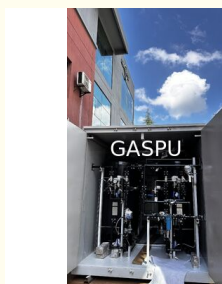


Product Specification

- Nitrogen Purity: 99.999% (adjustable 95-99.999%)
- Nitrogen Flow Rate: 300 Nm3/h
- Pressure Dew Point: -60 C
- Working Pressure: 0.6-1.0 MPa
- Outlet Pressure: 0.1-0.6 MPa (booster Available)
- Control System: Siemens PLC Fully Automatic, Remote Monitoring Ready
- Adsorption Technology: Twin-tower PSA With Carbon Molecular Sieve
- Purity Monitoring: Online Oxygen Analyzer With Auto Purity Regulation
- Container Type: 20ft ISO Container, Plug-and-play
- Power Supply: 380V/50Hz, 3 Phase
- Application: Industrial Gas Storage Blanketing And Inerting
- Warranty: 12 Months



More Images



Product Description

High Purity Fully Automatic PSA Nitrogen Generator 300 Nm³/h Containerized for Industrial Gas Storage

High Purity 99.999% | Fully Automatic PLC | Containerized Plug and Play | Gas Storage Blanketing

The GASPU-N2-306 packages a **high purity fully automatic PSA nitrogen generator** inside a 20ft container, delivering 300 Nm³/h of up to 99.999% nitrogen for **industrial gas storage**. Air compressor, dryer, filters, twin CMS towers and buffer tank leave the factory pre-piped and pre-wired, so the nitrogen blanket for your storage vessels starts within days of arrival.

Key Selling Points

High Purity Output: 99.999% nitrogen with residual oxygen under 10 ppm, adjustable down to 95% purity when higher flow is needed.

Fully Automatic Operation: Siemens PLC handles start-up, tower switching, purity correction and alarm interlock without an operator on site.

Containerized Plug and Play: Complete system inside a 20ft ISO container with lighting, ventilation and cable trays; only power and piping connections on site.

Industrial Gas Storage Duty: Pressure hold control keeps a stable nitrogen blanket on storage tanks, buffer vessels and gas holders, displacing oxygen and moisture.

Weatherproof and Relocatable: Insulated container protects the generator from dust, rain and heat, and allows relocation as storage capacity moves.

Low Cost of Ownership: On-site generation ends cylinder and liquid nitrogen spend, with energy-optimised adsorption cycles and 12-month warranty.

Technical Specifications

Parameter	Value
Model	GASPU-N2-306
Nitrogen Purity	99.999% (adjustable 95-99.999%)
Nitrogen Flow Rate	300 Nm ³ /h
Pressure Dew Point	≤ -60°C
Working Pressure	0.6-1.0 MPa
Nitrogen Outlet Pressure	0.1-0.6 MPa (booster available)
Control System	Siemens PLC, fully automatic
Container Type	20ft ISO container, plug-and-play
Power Supply	380V/50Hz, 3 phase
Application	Industrial gas storage blanketing and inerting

Application Scope

Suited to storage tank blanketing, tank farm inerting, gas holder make-up, chemical and solvent storage protection, and remote industrial gas storage sites where fast installation and relocatability matter.

Contact us today for a containerized high purity fully automatic PSA nitrogen generator sized to your industrial gas storage site.



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