

Compact Modular PSA Nitrogen Generator with 99.99% Purity and PLC Automatic Control for On-Site N2 System

Our Product Introduction

Basic Information

- Place of Origin: Suzhou, China
- Brand Name: GASPU
- Certification: ISO 9001:2015, CE
- Model Number: GPN-99.99-30
- Minimum Order Quantity: 1 Set
- Price: USD 20000-90000 / Set
- Packaging Details: Export wooden case package with foam protection
- Delivery Time: 30-45 working days
- Payment Terms: T/T, L/C
- Supply Ability: 20 Sets per Month



Product Specification

- Flow Rate: 30 Nm³/h
- Control System: PLC Automatic
- Voltage: 380V 50Hz 3Phase
- Working Pressure: 0.6-1.0 MPa
- Nitrogen Purity: 99.99%
- Noise Level: Low
- Highlight: **Compact Modular Skid Design, 99.99% High Purity N₂, Laser Cutting N₂ Generator**

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Product Description

Compact Modular PSA Nitrogen Generator 99.99% Purity On-Site N2 System for Laser Cutting

The **Compact Modular PSA Nitrogen Generator** is designed for laser cutting operations demanding the highest nitrogen purity. Using advanced Pressure Swing Adsorption technology with premium carbon molecular sieves, this system produces up to 99.99% pure nitrogen on site, ensuring flawless cutting results for stainless steel and carbon steel plates.

Space-Saving Modular Design

- Ultra-compact skid layout minimizes workshop footprint
- Fully pre-assembled modules for quick on-site hookup
- Easy integration with existing compressed air systems

99.99% Purity for Precision Cutting

- Ultra-high purity prevents edge oxidation and discoloration
- Stable gas supply improves cutting speed and nozzle life
- On-demand generation lowers operating cost vs. liquid nitrogen

Smart Operation

- PLC controller with real-time purity display
- Automatic shutdown and alarm for safe unattended running
- Low noise level and energy-efficient design

Request a quote now to upgrade your laser cutting line with a compact 99.99% modular PSA nitrogen generator.



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