

Environmental Protection PSA Nitrogen Generator 30Nm³/H 99.99% for Heat Treatment Use

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GASPU
- Certification: CE, ISO 9001:2015
- Model Number: N2-EP-30
- Minimum Order Quantity: 1 Set
- Price: USD 18,000-28,000 / Set
- Packaging Details: Export-grade plywood case with foam padding
- Delivery Time: 35 working days
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 10 Sets per Month



Product Specification

- Model: N2-EP-30
- Nitrogen Flow Rate: 30 Nm³/H
- Nitrogen Purity: 99.99%
- Dew Point: ≤ -60 DegC
- Output Pressure: 0.5-0.8 MPa
- Control System: PLC + Touch Screen HMI
- Operation Mode: Fully Automatic
- Power Consumption: 11 KW
- Footprint (LxWxH): 2400 X 1500 X 2000 Mm
- Energy Saving: Up To 25%
- Application: Heat Treatment / Environmental Protection
- Highlight: **Environmental Protection Nitrogen Generator, Energy Saving Heat Treatment N₂, Nitrogen Machine Manufacturer Direct**



Product Description

Environmental Protection PSA Nitrogen Generator 30Nm³/H for Heat Treatment

The GASPU N2-EP-30 is an environmental protection PSA nitrogen generator designed for heat treatment workshops that demand clean, energy-saving on-site nitrogen. As a nitrogen machine manufacturer, GASPU delivers a fully automatic 30Nm³/H unit at 99.99% purity with up to 25% lower energy consumption than conventional designs.

Key Features & Competitive Advantages

Environmental Protection Design: Low energy adsorption cycle, silent operation and zero chemical emission - a green alternative to cylinder and liquid nitrogen logistics.

Energy Saving Operation: Intelligent cycle control reduces compressed air consumption by up to 25%, cutting carbon footprint and electricity cost.

Heat Treatment Grade Nitrogen: 99.99% purity with dew point ≤ -60°C for annealing and protective atmosphere furnaces.

Manufacturer Direct Supply: Factory pricing, OEM/ODM customization, complete documentation and after-sales support from the GASPU plant.

Fully Automatic PLC Control: One-button start, purity monitoring, alarm output and 24/7 unattended operation.

Technical Specifications

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Common Applications

Heat treatment furnaces, annealing and quenching protection, metal bright processing, sintering and environmental protection industries.

Frequently Asked Questions

Q: How much energy can be saved?

A: Up to 25% versus conventional PSA systems through intelligent adsorption cycle management.

Q: Are customization services available?

A: Yes, we are the manufacturer and support OEM/ODM, color, logo and parameter customization.

Q: What is the warranty?

A: 12 months standard warranty with lifetime technical support.



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