

Environmental Protection PSA Nitrogen Generator 60 Nm³/H 99.999% Purity for Heat Treatment Process

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GASPU
- Certification: CE, ISO 9001:2015
- Model Number: N2-EP-60
- Minimum Order Quantity: 1 Set
- Price: USD 30,000-45,000 / 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

- Power Consumption: 18 KW
- Nitrogen Purity: 99.999%
- Nitrogen Flow Rate: 60 Nm³/H
- Output Pressure: 0.5-0.8 MPa
- Dew Point: ≤ -65 DegC
- Footprint: 2800 X 1600 X 2100 Mm
- Highlight: **Heat Treatment Nitrogen Generator,
Factory Direct Nitrogen Machine Supply,
Environmental Protection PSA N₂ Plant**



Product Description

Environmental Protection PSA Nitrogen Generator 60Nm³/H 99.999% for Heat Treatment Process

Environmental Protection Heat Treatment PSA Nitrogen Generator 60Nm³/H

The GASPU N2-EP-60 is a high-capacity environmental protection nitrogen generator built by a professional nitrogen machine manufacturer for heat treatment production lines. It supplies 60Nm³/H of nitrogen at 99.999% purity with ultra-low dew point while keeping energy consumption and environmental impact to a minimum.

Key Features & Competitive Advantages

Manufacturer Engineering Excellence: Designed and built in the GASPU factory with ISO 9001:2015 quality system, CE certification and full documentation package.

Environmental Protection & Energy Saving: Eco-friendly PSA process, low-noise enclosure and up to 25% energy reduction versus conventional nitrogen plants.

Heat Treatment Grade Output: 99.999% purity, dew point ≤ -65°C, ideal for bright annealing and protective atmosphere heat treatment.

Fully Automatic Smart Operation: PLC + HMI with purity trending, remote alarm and optional SCADA connectivity for furnace line integration.

Low Lifecycle Cost: Factory-direct pricing, minimal maintenance and fast payback versus purchased liquid nitrogen.

Technical Specifications

Model Number	N2-EP-60
Nitrogen Flow Rate	60 Nm ³ /H
Nitrogen Purity	99.999%
Dew Point	≤ -65°C
Output Pressure	0.5-0.8 MPa
Control System	PLC + Touch Screen HMI
Operation Mode	Fully Automatic
Power Consumption	18 kW
Footprint (LxWxH)	2800 x 1600 x 2100 mm

Common Applications

Bright annealing lines
Continuous heat treatment furnaces
Stainless steel processing
Non-ferrous metal annealing
Green manufacturing projects

Frequently Asked Questions

Why choose a manufacturer-direct nitrogen generator?

You get factory pricing, direct technical support and full customization without intermediary markup.

Can the unit be integrated into an existing furnace line?

Yes, optional SCADA/Modbus integration and buffer tank packages are available.

What is the delivery time?

35 working days after order confirmation, on-site commissioning optional.



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