

PSA Oxygen Generator Low Key Device Core Lifeline Industrial N2 Plant 99.999% Purity

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: GASPU
- Certification: CE, ISO 9001
- Model Number: GASPU-O2-301
- Minimum Order Quantity: 1 Set
- Price: USD 10,000 - 55,000 / Set
- Packaging Details: Plywood case with moisture-proof wrap, seaworthy export packaging
- Delivery Time: 35-45 working days
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 15 Sets per Month



Product Specification

- Technology: Pressure Swing Adsorption (PSA)
- Nitrogen Purity: $\geq 99.999\%$
- Oxygen Content: ≤ 5 Ppm
- Capacity Range: 50 - 1000 Nm³/h
- Dew Point: ≤ -60 DegC
- Nitrogen Outlet Pressure: 0.1 - 0.6 MPa (adjustable)
- Air Source Pressure: 0.75 - 1.0 MPa
- Material: Carbon Steel, Stainless Steel 304
- Control: Fully Automatic PLC
- Warranty: 1 Year
- Highlight: Industrial N2 Plant Generator,
Low Maintenance PSA Skid,
Continuous High Purity Nitrogen



More Images



Product Description

PSA Nitrogen Generator - The Quiet Low-Key Device Behind Every Reliable Gas Supply

Some machines make all the noise, but the ones that truly matter work quietly. Just as the core lifeline of ozone preparation lies in the hands of a low-key device - the industrial oxygen generator, the heartbeat of your nitrogen-dependent production line is this unassuming industrial N₂ plant. It sits in the corner, hums along, and silently guarantees that your process never runs short of high-purity nitrogen.

Engineered to Be the Core Lifeline of Your Plant



Continuous 99.999% Purity: Dual-tower carbon molecular sieve design with pressure equalization delivers non-stop high-purity nitrogen with oxygen content as low as 5 ppm.

Fully Automatic: PLC-controlled operation means the generator looks after itself - simply set your target purity and pressure and walk away.

Scalable Capacity: From 50 up to 1000 Nm³/h, the modular skid grows with your production without ever needing a rebuild.

Low Running Cost: On-site generation removes cylinder rental, delivery fees and storage hazards, cutting nitrogen costs by up to 50%.

Key Specifications

Parameter	Value
Technology	Pressure Swing Adsorption (PSA)
Nitrogen Purity	≥ 99.999% (O ₂ ≤ 5 ppm)
Capacity Range	50 - 1000 Nm ³ /h
Dew Point	≤ -60 °C
Nitrogen Outlet Pressure	0.1 - 0.6 MPa (adjustable)
Air Source Pressure	0.75 - 1.0 MPa
Construction Material	Carbon Steel, Stainless Steel 304
Operation	Fully Automatic PLC Control

Where It Works Hardest

Metal heat treatment, chemical and petrochemical processing, pharmaceutical and food packaging, electronics, laser cutting and any application where an uninterrupted, high-purity nitrogen core lifeline is non-negotiable.

Don't let your line ever run dry. Contact GASPU now to inquire about a nitrogen generator sized precisely to your flow, purity and pressure needs.



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