

Cabinet Type PSA Nitrogen Generator High-Standard 99.99% Purity On-Site N2 for Laser Cutting

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ECER
- Certification: ISO 9001:2015, CE
- Model Number: PSA-N2-150LC
- Minimum Order Quantity: 1 Set
- Price: USD 40,000-65,000 / Set
- Packaging Details: Export-grade seaworthy packing with shock-proof reinforcement
- Delivery Time: 25-40 working days after deposit
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 20 Sets per Month



Product Specification

- Model: PSA-N2-150LC
- Nitrogen Purity: 99.99% (4N)
- Nitrogen Flow Rate: 150 Nm³/h
- Pressure Dew Point: -45°C
- Working Pressure: 0.8-1.0 MPa
- Unit Type: Cabinet Type
- Application: Laser Cutting
- Control System: PLC Automatic Control
- Power Supply: 380V/50Hz
- Noise Level: ≤65 DB(A)
- Adsorbent: Carbon Molecular Sieve
- Highlight: **Cabinet Type N2 Generator,
Laser Cutting Nitrogen Supply,
High-Standard PSA Design**

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Product Description

High-Standard Cabinet Type Nitrogen Generator for Laser Cutting

High-Standard Cabinet Type | 99.99% Purity | Laser Cutting Assist Gas | Compact Footprint

This PSA-N2-150LC is a **high-standard cabinet type PSA nitrogen generator** designed specifically for laser cutting applications. It supplies **99.99% (4N) high-purity nitrogen** as assist gas, producing clean, oxide-free cutting edges for stainless steel, aluminum and carbon steel sheets - with a compact cabinet design that fits easily into any workshop.

Key Selling Points

High-Standard Cabinet Type: Precision-engineered cabinet enclosure with integrated purification, control and monitoring - neat, safe and space-saving.

Laser Cutting Optimized: Stable 150 Nm³/h nitrogen flow and pressure matched to laser cutting machine assist gas requirements.

99.99% High Purity: Ensures oxide-free, burr-free cutting edges and extends consumable life.

Compact Design: Small footprint, low noise, quick installation - ideal for metal fabrication workshops.

Cost Saving: On-site generation reduces nitrogen cost by up to 70% versus cylinder supply.

Reliable Operation: PLC automatic control with purity monitoring and alarm system.

Technical Specifications

Parameter	Value
Model	PSA-N2-150LC
Nitrogen Purity	99.99% (4N)
Nitrogen Flow Rate	150 Nm ³ /h
Pressure Dew Point	-45°C
Working Pressure	0.8-1.0 MPa
Unit Type	Cabinet Type
Application	Laser Cutting

Contact us today for a high-standard cabinet type nitrogen generator for your laser cutting machines.



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