

99.999% High Purity 90 Nm³/H PSA Nitrogen Generator for Glass Production On-Site N₂

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ECER
- Certification: ISO 9001:2015, CE
- Model Number: PSA-N2-90G
- 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-N2-90G
- Nitrogen Purity: 99.999% (5N)
- Nitrogen Flow Rate: 90 Nm³/h
- Pressure Dew Point: -60°C
- Working Pressure: 0.6-1.0 MPa
- Application: Glass Melting Protection
- Control System: PLC Automatic Control
- Power Supply: 380V/50Hz
- Adsorbent: Carbon Molecular Sieve
- Highlight: **99.999% High Purity N₂,
90 Nm³/H Glass Production,
PSA Nitrogen Generator On-Site**

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Product Description

99.999% High Purity 90 Nm3/Hr Glass Production PSA Nitrogen Generator

99.999% High Purity | 90 Nm3/Hr | Glass Production Application

This PSA-N2-90G is a **PSA nitrogen generator delivering 99.999% (5N) high-purity nitrogen** at **90 Nm3/h**, engineered for glass production lines. High purity nitrogen is essential in glass manufacturing - protecting molten glass and tin bath from oxidation, stabilizing the annealing atmosphere and improving final glass quality.

Key Selling Points

99.999% High Purity: 5N grade nitrogen output for demanding glass production atmosphere requirements.

90 Nm3/Hr Capacity: Continuous nitrogen supply matched to glass furnace and processing line consumption.

Glass Production Optimized: Protects molten glass and tin bath from oxidation, reduces defects and improves clarity.

Glass Melting Protection: Stable atmosphere control for consistent glass quality.

Ultra-Low Dew Point: Pressure dew point as low as -60°C, ensuring dry nitrogen for sensitive glass processes.

Cost Saving: On-site generation replaces purchased nitrogen, cutting gas cost for continuous glass production.

Technical Specifications

Parameter	Value
Model	PSA-N2-90G
Nitrogen Purity	99.999% (5N)
Nitrogen Flow Rate	90 Nm3/h
Pressure Dew Point	-60°C
Working Pressure	0.6-1.0 MPa
Application	Glass Melting Protection

Contact us today for a 99.999% high purity PSA nitrogen generator for your glass production line.



Suzhou Gaopu Ultra pure gas technology Co.,Ltd



+8613912609547



luyycn@163.com



nitrogengeneratorsystem.com

No.161 Zhongfeng Street, Suzhou New District, Suzhou, P.R.China