

Minnuo PSA Nitrogen Generator Aluminum Melting 99.99%-99.999% Purity On-Site N2

Our Product Introduction

for more products please visit us on nitrogengeneratorsystem.com

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Minnuo
- Certification: ISO 9001:2015, CE
- Model Number: MN-PSA-100AM
- Minimum Order Quantity: 1 Set
- Price: USD 45,000-70,000 / 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: MN-PSA-100AM
- Brand: Minnuo
- Nitrogen Purity: 99.99%-99.999% (Adjustable)
- Nitrogen Flow Rate: 100 Nm³/h
- Pressure Dew Point: -45°C
- Working Pressure: 0.6-1.0 MPa
- Application: Aluminum Melting & Degassing
- Control System: PLC Automatic Control
- Power Supply: 380V/50Hz
- Adsorbent: Carbon Molecular Sieve
- Highlight: **99.99%-99.999% Adjustable Purity, Aluminum Melting Degassing N₂, Minnuo PSA Nitrogen Generator**

Product Description

Minnuo PSA Nitrogen Generator for Aluminum Melting 99.99%-99.999% Purity

Minnuo Brand | Aluminum Melting & Degassing | 99.99%-99.999% Adjustable Purity

This MN-PSA-100AM is a **Minnuo PSA nitrogen generator** engineered for aluminum melting and casting lines. It supplies **99.99%-99.999% high-purity nitrogen** for degassing, melt refining and surface protection of molten aluminum - preventing oxidation and gas porosity for higher quality aluminum billets, ingots and castings.

Key Selling Points

For Aluminum Melting: Nitrogen injection removes hydrogen and inclusions from molten aluminum, improving melt quality and casting soundness.

99.99%-99.999% Adjustable Purity: Purity level tunable from 4N to 5N to match your aluminum refining process requirements.

Oxidation Protection: High purity nitrogen shields molten metal surface, reducing dross formation and metal loss.

Minnuo Quality: Brand-new self-developed PSA technology with rigorous quality control and reliable after-sales support.

Stable Continuous Supply: Flow rate 100 Nm³/h with PLC automatic control for uninterrupted foundry operation.

Cost Efficient: On-site generation replaces cylinder/liquid nitrogen, cutting gas cost for continuous melting lines.

Technical Specifications

Parameter	Value
Model	MN-PSA-100AM
Brand	Minnuo
Nitrogen Purity	99.99%-99.999% (Adjustable)
Nitrogen Flow Rate	100 Nm ³ /h
Pressure Dew Point	-45°C
Working Pressure	0.6-1.0 MPa
Application	Aluminum Melting & Degassing

Contact us today for a Minnuo PSA nitrogen generator customized for your aluminum melting 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