

Minnuo PSA Nitrogen Generator for Aluminum Melting & Degassing with 99.99%-99.999% Adjustable Purity and 200 Nm3/h Flow Rate

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: Minnuo
- Certification: ISO 9001:2015, CE
- Model Number: MN-PSA-200AM
- Minimum Order Quantity: 1 Set
- Price: USD 60,000-95,000 / 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-200AM
- Brand: Minnuo
- Nitrogen Purity: 99.99%-99.999% (Adjustable)
- Nitrogen Flow Rate: 200 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: **Aluminum Melt Refining Nitrogen, High Purity Degassing Gas, Minnuo Customized PSA Design**

for more products please visit us on nitrogengeneratorsystem.com

Product Description

Minnuo PSA Nitrogen Generator for Aluminum Melting & Degassing

This **MN-PSA-200AM** is a **Minnuo PSA nitrogen generator** specifically engineered for aluminum melting and casting operations. It delivers **99.99%-99.999% high-purity nitrogen** for degassing, melt refining, and surface protection of molten aluminum, preventing oxidation and gas porosity to produce higher quality aluminum billets, ingots, and castings.

Key Features & Benefits

Aluminum Melting Application: Nitrogen injection effectively removes hydrogen and inclusions from molten aluminum, significantly improving melt quality and casting integrity

Adjustable Purity: Tunable from 99.99% to 99.999% (4N to 5N) to match specific aluminum refining process requirements

Oxidation Protection: High purity nitrogen creates a protective shield over molten metal surfaces, reducing dross formation and minimizing metal loss

Minnuo Quality Assurance: Features brand-new self-developed PSA technology with rigorous quality control and reliable after-sales support

Continuous Operation: Stable 200 Nm³/h flow rate with PLC automatic control ensures uninterrupted foundry operations

Cost Efficiency: On-site nitrogen generation eliminates dependency on cylinder or liquid nitrogen, significantly reducing gas costs for continuous melting lines

Technical Specifications

Parameter	Value
Model	MN-PSA-200AM
Brand	Minnuo
Nitrogen Purity	99.99%-99.999% (Adjustable)
Nitrogen Flow Rate	200 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 requirements.



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