

Explosion Proof PSA Nitrogen Generator Booster Type Chemical Plant N2 Cylinder Filling

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: ECER
- Certification: ISO 9001:2015, CE
- Model Number: PSA-N2-80EX
- Minimum Order Quantity: 1 Set
- Price: USD 65,000-100,000 / Set
- Packaging Details: Export-grade seaworthy packing with shock-proof reinforcement
- Delivery Time: 30-45 working days after deposit
- Payment Terms: T/T, L/C, Western Union
- Supply Ability: 10 Sets per Month



Product Specification

- Model: PSA-N2-80EX
- Nitrogen Purity: 99.9%
- Nitrogen Flow Rate: 80 Nm³/h
- Booster Discharge Pressure: Up To 15 MPa (150 Bar)
- Pressure Dew Point: -45°C
- Application: Chemical Plant N2 Cylinder Filling
- Protection: Explosion Proof Design (Ex)
- Control System: PLC Automatic Control
- Power Supply: 380V/50Hz
- Adsorbent: Carbon Molecular Sieve
- Highlight: **Explosion Proof PSA Design ,
Booster High Pressure Filling,
Chemical Plant N2 Cylinder Filling**

Product Description

Explosion Proof PSA Nitrogen Generator with Booster for Chemical Plant Nitrogen Cylinder Filling

Explosion Proof | With Booster | Chemical Plant | N2 Cylinder Filling

This PSA-N2-80EX is an **explosion proof PSA nitrogen generator equipped with a booster**, purpose-built for **chemical plant nitrogen cylinder filling**. The explosion-proof electrical design allows safe operation in hazardous areas, while the integrated booster compresses nitrogen to high pressure for direct filling of nitrogen cylinders - replacing expensive purchased cylinder nitrogen with on-site production.

Key Selling Points

Explosion Proof Design: Ex-rated electrical components and enclosure for safe operation in hazardous chemical plant areas.

Integrated Booster: Boosts nitrogen pressure up to 15 MPa (150 Bar) for direct cylinder filling.

Chemical Plant Application: On-site N2 generation for cylinder filling, blanketing and purging in chemical processes.

High Purity Output: Stable 99.9% nitrogen, dry and oil-free, suitable for industrial cylinder filling.

Cost Saving: Producing your own cylinder filling nitrogen cuts gas cost versus purchased cylinders.

Reliable & Safe: PLC automatic control with pressure, purity and safety interlock protection.

Technical Specifications

Parameter	Value
Model	PSA-N2-80EX
Nitrogen Purity	99.9%
Nitrogen Flow Rate	80 Nm3/h
Booster Discharge Pressure	Up to 15 MPa (150 Bar)
Pressure Dew Point	-45°C
Protection	Explosion Proof Design (Ex)
Application	Chemical Plant N2 Cylinder Filling

Contact us today for an explosion proof PSA nitrogen generator with booster for your cylinder filling plant.



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