

Adjustable CMS On Site Nitrogen Generator PSA N2 Plant

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: CE
- Model Number: NG
- Minimum Order Quantity: 1set
- Price: negotiation
- Packaging Details: Plywood or other type
- Delivery Time: 25work days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 4set/month



Product Specification

- Description: PSA Nitrogen Generator
- Third Party Check: BV/UL
- Oem: Offered
- Voltage: 220v/380v/50-60hz
- Discharge Pressure: 0.3-0.6 Mpa
- Capacity: 1000 Nm3/h
- Condition: New
- Movable: Yes
- Maintenance Cost: Less Than 1% Of Total Investment
- Specification: TY6-39
- Certificates: BV,,CCS,ISO,TS
- Features Of Products: Stainless Steel All In One Type
- Service Life: ≥10 Years
- Plc: Siemens S7-1200/1500
- Net Weight: 11.8kg



More Images



Product Description

PSA Nitrogen Generator

Description

Nitrogen generator: The nitrogen generator designed and manufactured by GASPU Company adopts the German Carbon Tech GmbH process, using imported components and raw materials from Germany and Japan. Based on the characteristics of carbon molecular sieve pressure adsorption oxygen absorption and pressure reduction deoxygenation, it adopts a two towers rotating working mode, continuously producing nitrogen at a pressure of 0.7- 1.3Mpa. The gas purity is 95% -99.999%, and the gas production capacity is 1Nm³/h-2000Nm³/h

Technical index:

- Flow:20Nm³/h
- Purity: 99.99%-99.9995%
- Dew point: -45
- N₂ pressure:0.1~0.8Mpa

Operational Principle of PSA Nitrogen Generation:

Nitrogen is normally used as protective gas .

Oxygen and nitrogen are separated by different-diffusion rate in CMS. Nitrogen purity and capacity can be adjustable to meet customer's requirements.

Main Feature:

- 1.The material source is from the nature, the system only needs compressed air and power, so the cost of power and operation is less.
- 2.Nitrogen purity is easy to adjust, it is only affected by the capacity, purity of normal nitrogen is at the range of 95%-99.99% (can be adjusted), purity of high nitrogen is at the range of 99%-99.999%(can be adjusted)
- 3.The system is automatic, quick starting and no need to monitor. One button start and stop, run 10-15 minutes to generate the N₂ air.
4. The working progress is easy, the configuration is compact, the landing space is less and the environment is well-adapted.
- 5.Snowstorm filling can avoid the damage of CMS.
- 6.Digital flow meter has pressure compensation, it is highly precise meter which can monitor the progress, it can test quick flow and accumulate the total capacity .



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