

PSA Nitrogen Generator Machine 50Nm3/h 99.999% Purity with Skid-Mounted Design

Our Product Introduction

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Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: GASPU
- Certification: CE, ISO 9001
- Model Number: NG800-S50
- Minimum Order Quantity: 1 Set
- Price: USD 12000-25000 / Set
- Packaging Details: Plywood case with waterproof film, export standard
- Delivery Time: 30-45 working days
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 50 Sets per Month

& Components > Gas Generation Equipment & Parts > Nitrogen Genera



Product Specification

- Nitrogen Flow: 50 Nm3/h
- Nitrogen Purity: 99.999%
- Dew Point: <= -40 C
- Outlet Pressure: 0.1-0.6 MPa
- Power Supply: 220V/380V/440V 50/60Hz
- Control: PLC + Touch Screen
- Design: Skid-Mounted
- Warranty: 1 Year
- Highlight: **Skid-Mounted PSA Nitrogen Generator, 99.999% Purity Nitrogen Output, Plug and Play N2 Skid System**

Product Description

GASPU Skid-Mounted PSA Nitrogen Generator — 50 Nm3/h, 99.999% Purity

The GASPU NG800-S50 is a fully pre-assembled PSA nitrogen generator built on a single skid-mounted steel frame. Air compressor, refrigerated dryer, filters, twin adsorption towers and buffer tank are integrated and factory-tested before delivery, so the unit arrives plug-and-play for fast on-site commissioning.

Key Features

- Skid-mounted design: every component integrated on one frame, only utilities connection required on site.
- 99.999% high purity nitrogen output, adjustable through PLC control and touch screen.
- Carbon Molecular Sieve (CMS) adsorption technology with long service life.
- Automatic alternating twin-tower PSA process for continuous on-demand N2 supply.
- Low noise, low power consumption and minimal maintenance.

Technical Specifications

Parameter	Value
Nitrogen Flow	50 Nm3/h
Nitrogen Purity	99.999%
Dew Point	≤ -40 °C
Outlet Pressure	0.1 - 0.6 MPa
Power Supply	220V / 380V / 440V, 50/60Hz
Control	PLC + Touch Screen, fully automatic
Design	Skid-mounted, plug and play

Applications

- Laser cutting and metal heat treatment
- Food and pharmaceutical packaging
- Electronics and wave soldering
- Chemical and petrochemical blanketing

Stop overpaying for delivered nitrogen. Contact GASPU sales now for a tailored skid-mounted nitrogen solution.



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