

## Portable Nitrogen Gas Generator Plant 10-50 Nm<sup>3</sup>/h Mobile PSA Equipment for On-Site Nitrogen Supply

Our Product Introduction

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### Basic Information

- Place of Origin: Suzhou, China
- Brand Name: GASPU
- Certification: ISO 9001:2015, CE
- Model Number: GASPU-N2-374
- Minimum Order Quantity: 1 Set
- Price: USD 8,500-28,000 / Set
- Packaging Details: Plywood case with shock-proof foam and forklift base
- Delivery Time: 15-25 working days after deposit
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 60 Sets per Month



### Product Specification

- Nitrogen Purity: 95-99.99% (adjustable)
- Nitrogen Flow Rate: 10-50 Nm<sup>3</sup>/h
- Pressure Dew Point: -40 C
- Working Pressure: 0.5-0.8 MPa
- Nitrogen Outlet Pressure: 0.1-0.5 MPa
- Control System: PLC With Touch Screen, Automatic Tower Switching
- Adsorption Technology: Twin-tower PSA With Carbon Molecular Sieve
- Mobility: Wheel-mounted Frame With Forklift Pockets
- Noise Level: 70 DB(A) At 1 M
- Power Supply: 220V/50Hz Single Phase Or 380V/50Hz
- Application: On-site Nitrogen Supply, Purging And Blanketing
- Warranty: 12 Months
- Highlight: **Portable Nitrogen Gas Generator,**



### More Images



## Product Description

### Portable Nitrogen Gas Generator Plant 10-50 Nm<sup>3</sup>/h Mobile PSA Equipment

Portable Design | 10-50 Nm<sup>3</sup>/h Output | Mobile PSA Plant | On-Site Nitrogen Supply

The GASPU-N2-410P is a **portable nitrogen gas generator plant** built on a wheel-mounted frame, producing 10-50 Nm<sup>3</sup>/h of 95-99.99% nitrogen wherever it is needed. As compact **PSA nitrogen generator equipment**, it removes the dependency on delivered cylinders and can be rolled between workshops, test bays and pipeline work fronts.

#### Key Selling Points

**Portable Nitrogen Gas Generator:** Wheel-mounted frame with forklift pockets and lifting eyes moves the unit between sites without a fixed installation.

**Mobile PSA Nitrogen Plant:** Complete PSA process, filters and buffer tank integrated on one skid, ready to run after power and outlet connection.

**10-50 Nm<sup>3</sup>/h Flexibility:** Flow adjustable through the touch screen to match small purging jobs or continuous blanketing demand.

**Adjustable Purity:** 95% to 99.99% nitrogen selectable by recipe, with online oxygen reading shown on the HMI.

**On-Site Nitrogen Equipment:** Low noise at 70 dB(A) and 220V single phase option allow operation in workshops and laboratories.

**Low Maintenance:** Twin CMS towers with automatic switching, service-friendly panel layout and 12-month warranty.



#### Technical Specifications

| Parameter          | Value                    |
|--------------------|--------------------------|
| Model              | GASPU-N2-374             |
| Nitrogen Purity    | 95-99.99% (adjustable)   |
| Nitrogen Flow Rate | 10-50 Nm <sup>3</sup> /h |
| Pressure Dew Point | ≤ -40°C                  |

|                          |                                           |
|--------------------------|-------------------------------------------|
| Working Pressure         | 0.5-0.8 MPa                               |
| Nitrogen Outlet Pressure | 0.1-0.5 MPa                               |
| Control System           | PLC with touch screen                     |
| Mobility                 | Wheel-mounted frame with forklift pockets |
| Noise Level              | 70 dB(A) at 1 m                           |
| Power Supply             | 220V/50Hz single phase or 380V/50Hz       |

### Application Scope

Ideal for on-site nitrogen supply in workshops, laboratory glove boxes, pipeline purging, small food packaging lines, laser welding cells and field maintenance work where a fixed nitrogen plant is not practical.

**Contact us today for a portable nitrogen gas generator plant matched to your on-site nitrogen equipment needs.**



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