

Portable Nitrogen Gas Generator Equipment 20 Nm3/h Trolley Mounted PSA Plant for Field Purging

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-N2-373
- Minimum Order Quantity: 1 Set
- Price: USD 12,000-32,000 / Set
- Packaging Details: Plywood case with shock-proof foam and trolley base
- Delivery Time: 15-30 working days after deposit
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 50 Sets per Month



Product Specification

- Nitrogen Purity: 99.99% (adjustable 95-99.99%)
- Nitrogen Flow Rate: 20 Nm3/h
- Pressure Dew Point: -45 C
- Working Pressure: 0.6-0.8 MPa
- Nitrogen Outlet Pressure: 0.1-0.5 MPa
- Control System: PLC Automatic With 7 Inch Touch Screen
- Adsorption Technology: Twin-tower PSA With Carbon Molecular Sieve
- Mobility: Trolley Mounted With Lockable Castors
- Noise Level: 65 DB(A) At 1 M
- Power Supply: 220V/50Hz Single Phase
- Application: Field Purging, Leak Testing And Intermittent Nitrogen Supply
- Warranty: 12 Months
- Highlight: **Portable Nitrogen Generator Equipment, Trolley Mounted Nitrogen Plant,**



More Images



Product Description

Portable Nitrogen Gas Generator Equipment 20 Nm³/h Trolley Mounted PSA Plant

Trolley Mounted | 99.99% Purity | 20 Nm³/h | Field Purging Ready

The GASPU-N2-420P is **portable nitrogen generator equipment** assembled on a trolley with lockable castors, delivering 20 Nm³/h of 99.99% nitrogen from a single phase supply. As a **trolley mounted nitrogen plant**, it rolls into position for field purging, leak testing and maintenance shutdowns where a permanent nitrogen line does not reach.

Key Selling Points

Portable Nitrogen Generator Equipment: Trolley frame with lockable castors rolls through standard doors and lifts, no installation work required.

Trolley Mounted Nitrogen Plant: PSA towers, filters, buffer tank and controls on one compact chassis with lifting points for crane transfer.

99.99% Purity: High purity nitrogen for purging, inerting and leak testing, with the oxygen level displayed live on the touch screen.

20 Nm³/h Field Output: Matched to pipeline purging and equipment blanketing jobs, with quick start-up in under five minutes.

Quiet Single Phase Operation: 65 dB(A) running noise and 220V single phase input suit workshops, labs and skid areas.

Field Nitrogen Gas Supply: Ends cylinder handling and transport, with automatic tower switching and 12-month warranty.

Technical Specifications

Parameter	Value
Model	GASPU-N2-420P
Nitrogen Purity	99.99% (adjustable 95-99.99%)
Nitrogen Flow Rate	20 Nm ³ /h
Pressure Dew Point	≤ -45°C
Working Pressure	0.6-0.8 MPa
Nitrogen Outlet Pressure	0.1-0.5 MPa
Control System	PLC automatic with 7 inch touch screen
Mobility	Trolley mounted with lockable castors
Noise Level	65 dB(A) at 1 m
Power Supply	220V/50Hz single phase

Application Scope



Used for field purging and inerting, pipeline and vessel leak testing, maintenance shutdown nitrogen supply, laboratory work and small production cells needing intermittent high purity nitrogen.

Contact us today for portable nitrogen generator equipment configured for your field purging and nitrogen gas supply requirements.



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