

Advanced Control Compact PSA Nitrogen Gas Generator 30 Nm³/h Customized Flow Rate for Laboratory Use

Our Product Introduction

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Basic Information

- Place of Origin: Guangdong, China
- Brand Name: GASPU
- Certification: ISO 9001:2015, CE
- Model Number: GASPU-N2-630C
- Minimum Order Quantity: 1 Set
- Price: USD 9,500-26,000 / Set
- Packaging Details: Plywood case with shock-proof foam and cabinet protection
- Delivery Time: 15-25 working days after deposit
- Payment Terms: T/T,L/C,Western Union
- Supply Ability: 40 Sets per Month



Product Specification

- Nitrogen Purity: 99.99% (adjustable 95-99.99%)
- Nitrogen Flow Rate: 5-30 Nm³/h, Customized On Request
- Pressure Dew Point: -45 C
- Working Pressure: 0.6-0.8 MPa
- Nitrogen Outlet Pressure: 0.1-0.5 MPa
- Control System: Advanced PLC With 7 Inch Color Touch Screen And Remote Access
- Flow Regulation: Flow Rate And Purity Adjustable By Recipe, With Flow Meter Feedback
- Adsorption Technology: Twin-tower PSA With Carbon Molecular Sieve
- Design: Compact Cabinet Type, Small Footprint
- Noise Level: 65 DB(A) At 1 M
- Power Supply: 220V/50Hz Single Phase Or 380V/50Hz
- Warranty: 12 Months
- Highlight: **Advanced Control PSA Generator,**



More Images



Product Description

Advanced Control Compact PSA Nitrogen Gas Generator 30 Nm³/h Customized Flow Rate

Advanced PLC Control | Customized Flow Rate | Compact Cabinet | 99.99% Purity

The GASPU-N2-630C is a **compact PSA nitrogen gas generator** aimed at laboratories and small production lines. Its **advanced control system** lets the user set both purity and **customized flow rate** between 5 and 30 Nm³/h, while a cabinet design keeps the whole plant inside a footprint under two square metres.

Key Selling Points

Advanced Control System: Colour touch screen with recipe memory, purity trending, flow meter feedback and remote access for parameters and alarms.

Customized Flow Rate: Output trimmed from 5 to 30 Nm³/h by recipe so the unit matches real consumption instead of running at fixed capacity.

Compact Nitrogen Gas Generator: Cabinet construction with integrated filters and buffer tank, small footprint and quiet 65 dB(A) operation for indoor installation.

Stable High Purity: Up to 99.99% nitrogen with online oxygen monitoring and automatic correction after cycle adjustment.

Simple Installation: Single phase 220V option, plug-in outlet connection and no external buffer vessel required.

Low Service Load: Automatic twin tower switching, long life carbon molecular sieve and 12-month warranty.



Technical Specifications

Parameter	Value
Model	GASPU-N2-378
Nitrogen Purity	99.99% (adjustable 95-99.99%)
Nitrogen Flow Rate	5-30 Nm ³ /h, customized
Pressure Dew Point	≤ -45°C
Working Pressure	0.6-0.8 MPa
Nitrogen Outlet Pressure	0.1-0.5 MPa
Control System	Advanced PLC with 7 inch touch screen
Design	Compact cabinet type

Noise Level	65 dB(A) at 1 m
Power Supply	220V/50Hz single phase or 380V/50Hz

Application Scope

Suitable for laboratory instruments, glove boxes, sample evaporation, small food packaging lines, electronics assembly, laser marking and any compact site needing adjustable high purity nitrogen.

Contact us today for a compact PSA nitrogen gas generator with advanced control and customized flow rate for your laboratory.



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