

Durable Stainless Steel 304 PSA Nitrogen Generator 100 Nm³/H with 99.999% Purity for Pharmaceutical Production

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: FLY SPEED
- Certification: CE, ISO 9001:2015, cGMP Support
- Model Number: FS-N2-100PH
- Minimum Order Quantity: 1 Set
- Price: USD 22,000-68,000 / Set
- Packaging Details: Export wooden case with PE film protection, sea-worthy packing
- Delivery Time: 45-55 working days
- Payment Terms: T/T, L/C
- Supply Ability: 6 Sets per Month



Product Specification

- Connections: Sanitary Tri-Clamp
- Capacity: 100 Nm³/H
- Nitrogen Outlet Pressure: 0.1 - 0.8 MPa
- Wetted Material: Stainless Steel 304
- Voltage: 220V/380V/440V 50/60Hz
- Pressure Dew Point: ≤ -60 Deg C
- Highlight: **100 Nm³/H Pharma N₂ System, SS304 Sanitary Nitrogen Plant, 99.999% cGMP Nitrogen Supply**

for more products please visit us on nitrogengeneratorsystem.com

Product Description

Durable Stainless Steel 304 PSA Nitrogen Generator 100 Nm3/H for Pharmaceutical Production

Ensure product integrity in pharmaceutical manufacturing with the **Durable Stainless Steel 304 PSA Nitrogen Generator**. This **100 Nm3/H** system delivers **99.999%** ultra-pure nitrogen with all-stainless-steel construction, hygienic design and complete validation support - engineered for demanding sterile production environments.

Product Attributes

Attribute	Value
Brand Name	Fly Speed
Model Number	FS-N2-100PH
Capacity	100 Nm3/H
Nitrogen Purity	99.999% (O2 ≤ 5 ppm)
Material	Stainless Steel 304
HS CODE	8419609090

Core Features & Advantages

Full SS304 Construction: Durable stainless steel 304 throughout for corrosion resistance and cleanability.

Pharmaceutical-Grade Purity: 99.999% nitrogen with oxygen ≤ 5 ppm protects oxygen-sensitive formulations.

Hygienic Sanitary Design: Sanitary tri-clamp connections, electropolished surfaces and drainable low points.

Validation Support: IQ/OQ documentation, material certificates and FAT/SAT assistance provided.

Continuous Supply: Twin-tower PSA ensures uninterrupted nitrogen for 24/7 production lines.

Compliance Ready: Designed to support cGMP, FDA and EU Annex 1 requirements.

Technical Specifications

Parameter	Value
Nitrogen Capacity	100 Nm3/H
Nitrogen Purity	99.999% (O2 ≤ 5 ppm)
Pressure Dew Point	≤ -60°C
Air Source Pressure	0.75 - 1.0 MPa
Nitrogen Outlet Pressure	0.1 - 0.8 MPa (adjustable)
Voltage	220V / 380V / 440V, 50/60Hz
Wetted Material	Stainless Steel 304
Connections	Sanitary Tri-Clamp
Control System	PLC + Touch Screen HMI, Data Logging

Applications

Ideal for pharmaceutical production plants, sterile filling lines, biopharmaceutical facilities, API manufacturing and vaccine production requiring validated ultra-pure nitrogen.

FAQ

Q: What validation documents are provided?

A: We supply IQ/OQ support documentation, material certificates and can assist with FAT/SAT protocols.

Q: Does it support EU Annex 1 requirements?

A: Yes. The hygienic SS304 design and documentation package support EU GMP Annex 1 compliance efforts.

Request a quote now! Fly Speed supplies durable SS304 PSA nitrogen generators for pharmaceutical production with full validation support.



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