

Food Grade PSA Nitrogen Generator 30 Nm³/H with 99.99% Purity for Wine Bottling

Our Product Introduction

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Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: FLY SPEED
- Certification: CE, ISO 9001:2015, Food Grade
- Model Number: FS-N2-30WN
- Minimum Order Quantity: 1 Set
- Price: USD 10,000-32,000 / Set
- Packaging Details: Export wooden case with PE film protection, sea-worthy packing
- Delivery Time: 30-40 working days
- Payment Terms: T/T,L/C
- Supply Ability: 12 Sets per Month

& Components > Gas Generation Equipment & Parts > Nitrogen Genera



Product Specification

- Control System: PLC + Touch Screen HMI
- Pressure Dew Point: ≤ -45 Deg C
- Nitrogen Purity: 99.99% (Food Grade)
- Flow Rate: 30 Nm³/H
- Nitrogen Outlet Pressure: 0.1 - 0.6 MPa
- Noise Level: ≤ 72 DB(A)
- Highlight: **Wine Bottling N₂ Generator,
Food Grade Inert Gas System,
30 Nm³/H Preservation Nitrogen**

Product Description

Food Grade High Purity PSA Nitrogen Generator 30 Nm3/H for Wine Bottling

Protect wine quality from vineyard to bottle with the **Food Grade High Purity PSA Nitrogen Generator**. Delivering **30 Nm3/H** of **99.99%** food-grade nitrogen, this PSA nitrogen generator provides inert blanketing for wine storage tanks, bottle purging and preservation systems, preventing oxidation and preserving aroma.

Product Attributes

Brand Name	Fly Speed
Model Number	FS-N2-30WN
Flow Rate	30 Nm3/H
Nitrogen Purity	99.99% Food Grade
Industry	Wine & Beverage
HS CODE	8419609090

Core Features & Advantages

Wine Preservation Grade: 99.99% food-grade nitrogen prevents oxidation, preserving wine color, aroma and taste.

Bottling Line Support: Stable supply for bottle purging, tank blanketing and inert gas flushing before corking.

30 Nm3/H Capacity: Serves medium wineries, bottling plants and wine storage facilities.

High Purity Consistency: Food-grade CMS and precision control maintain constant gas quality.

Quiet Compact Operation: Low-noise design suitable for winery environments.

Cost Saving: On-site nitrogen cuts gas cost versus cylinder or liquid nitrogen supply.

Technical Specifications

Nitrogen Flow Rate	30 Nm3/H
Nitrogen Purity	99.99% (Food Grade)
Pressure Dew Point	≤ -45°C
Air Source Pressure	0.75 - 1.0 MPa
Nitrogen Outlet Pressure	0.1 - 0.6 MPa (adjustable)
Voltage	220V / 380V / 440V, 50/60Hz
Adsorbent	Food Grade Carbon Molecular Sieve
Control System	PLC + Touch Screen HMI
Noise Level	≤ 72 dB(A)

Applications

Ideal for wineries, wine bottling lines, sparkling wine production, juice and beverage plants, and storage facilities requiring inert gas protection.

Frequently Asked Questions

Q: How does nitrogen protect wine?

A: Nitrogen blanketing displaces oxygen above wine in tanks and bottles, preventing oxidation and spoilage while preserving aroma and freshness.

Q: Is food-grade certification available?

A: Yes. The generator uses food-grade CMS and materials, with gas quality suitable for beverage applications.

Request a quote now! Fly Speed supplies food grade PSA nitrogen generators for wineries and bottling plants worldwide.



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