

Germany Technical Nitrogen Generator Competitive Price 100 Nm³/H 99.99% Purity On-Site N₂ Plant

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: FLY SPEED
- Certification: CE, ISO 9001:2015
- Model Number: FS-N2-100GT
- Minimum Order Quantity: 1 Set
- Price: USD 14,000-42,000 / Set
- Packaging Details: Export wooden case with PE film protection, sea-worthy packing
- Delivery Time: 35-45 working days
- Payment Terms: T/T, L/C
- Supply Ability: 10 Sets per Month



Product Specification

- Nitrogen Purity: 95% - 99.99%
- Capacity: 100 Nm³/H
- Pressure Dew Point: ≤ -45 Deg C
- Air Source Pressure: 0.75 - 1.0 MPa
- Nitrogen Outlet Pressure: 0.1 - 0.6 MPa
- Voltage: 220V/380V/440V 50/60Hz
- Adsorbent: Carbon Molecular Sieve (CMS)
- Control System: PLC + Touch Screen HMI
- Design Standard: German Engineering Reference
- Warranty: 1 Year
- HS CODE: 8419609090
- Highlight: **Germany Technical N₂ Generator, Competitive Price PSA Plant, 99.99% On-Site Nitrogen Supply**

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Product Description

Germany Technical Nitrogen Generator with Competitive Price

The **Germany Technical Nitrogen Generator** combines German engineering standards with Fly Speed manufacturing efficiency to deliver a **100 Nm³/H PSA nitrogen generator** at a truly competitive price. Featuring precision Carbon Molecular Sieve (CMS) adsorption and intelligent PLC control, it produces nitrogen at **99.99%** purity with outstanding reliability and low operating cost.

Product Attributes

Attribute	Value
Brand Name	Fly Speed
Model Number	FS-N2-100GT
Capacity	100 Nm ³ /H
Nitrogen Purity	95% - 99.99% (Adjustable)
Technical Standard	German Engineering Design
HS CODE	8419609090

Core Features & Advantages

German Technical Design: Engineered to German industrial standards for precision, durability and process reliability.

Competitive Factory Price: Direct-from-manufacturer pricing delivers exceptional value without compromising quality.

99.99% High Purity: Premium CMS adsorption produces pure nitrogen with stable, adjustable purity for diverse processes.

Intelligent PLC Control: Touch-screen HMI with real-time purity monitoring, one-touch start and remote alarm.

Energy-Saving Operation: Optimized pressure equalization lowers energy consumption and operating cost.

Compact Modular Skid: Pre-assembled, pre-tested unit reduces installation time and site work.

Technical Specifications

Parameter	Value
Nitrogen Capacity	100 Nm ³ /H
Nitrogen Purity	95% - 99.99% (adjustable via PLC)
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	Carbon Molecular Sieve (CMS)
Control System	PLC + Touch Screen HMI
Design Standard	German Engineering Reference

Applications

Widely used in metal heat treatment, chemical processing, electronics manufacturing, food packaging and general industrial nitrogen supply where cost efficiency and reliability are priorities.

FAQ

Q: What makes this generator competitively priced?

A: Fly Speed manufactures in-house with streamlined supply chains, passing the savings directly to customers while maintaining German-standard technical quality.

Q: Is the purity adjustable?

A: Yes. Purity from 95% to 99.99% is set on the PLC touch screen, balancing flow and purity for your application.

Contact us today! Get the Germany Technical Nitrogen Generator at a competitive factory price with fast delivery and professional after-sales 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