

Skid Integrated PSA Nitrogen Generator 80 Nm³/H 99.999% Purity for Electronic Chip Packaging

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: FLY SPEED
- Certification: CE, ISO 9001:2015
- Model Number: N2G-99.999
- Minimum Order Quantity: 1 Set
- Price: USD 18,000-55,000 / 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

- Adsorbent: Carbon Molecular Sieve (CMS)
- Control System: PLC + Online Purity Monitor
- Capacity: 80 Nm³/H
- Nitrogen Outlet Pressure: 0.1 - 0.8 MPa
- Voltage: 220V/380V/440V 50/60Hz
- Pressure Dew Point: ≤ -60 Deg C
- Highlight: **80 Nm³/H Chip Packaging N₂ Plant, PLC Automatic Ultra-Pure Generator, N2G-99.999 Industrial Gas System**

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Product Description

Skid Integrated N2G-99.999 Nitrogen Generator PLC Automatic 80 Nm3/H for Electronic Chip Packaging

Meet the demanding nitrogen requirements of electronics manufacturing with the **Skid Integrated N2G-99.999 Nitrogen Generator**. This **80 Nm3/H** industrial gas generator delivers **99.999%** ultra-pure nitrogen with PLC automation and online purity monitoring, purpose-built for high-volume electronic chip packaging lines.

Product Attributes

Attribute	Value
Brand Name	Fly Speed
Model Number	N2G-99.999
Capacity	80 Nm3/H
Nitrogen Purity	99.999% (O2 ≤ 5 ppm)
Integration	Skid Integrated
HS CODE	8419609090

Core Features & Advantages

- High-Volume Chip Packaging:** 80 Nm3/H supports multiple packaging lines simultaneously.
- Online Purity Monitoring:** Real-time O2 analysis with alarm for guaranteed 99.999% quality.
- PLC Full Automation:** Automatic operation with remote monitoring capability.
- Industrial Gas Generator:** Heavy-duty design for continuous electronics production.
- Consistent Ultra-Purity:** Stable output below 5 ppm oxygen for critical chip processes.
- Quick Deployment:** Pre-assembled skid reduces on-site installation time.

Technical Specifications

Parameter	Value
Nitrogen Capacity	80 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
Adsorbent	Carbon Molecular Sieve (CMS)
Control System	PLC + Online Purity Monitor
Integration	Full Skid Package

Applications

Used in large electronics factories, semiconductor packaging plants, LED manufacturing and precision electronics assembly lines.

FAQ

Q: How is purity monitored?

A: An online oxygen analyzer provides real-time purity data with automatic alarm if levels deviate.

Q: Can it run continuously?

A: Yes. The industrial design supports 24/7 operation for electronics production lines.

Request a quote now! Fly Speed supplies skid-integrated 99.999% nitrogen generators for electronic chip packaging.



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