

Skid Integrated PSA Nitrogen Generator 30 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 15,000-45,000 / 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: 12 Sets per Month



Product Specification

- Adsorbent: Carbon Molecular Sieve (CMS)
- Control System: PLC + Touch Screen HMI
- Capacity: 30 Nm³/H
- Nitrogen Purity: 99.999% (O₂ ≤ 5 Ppm)
- Pressure Dew Point: ≤ -60 Deg C
- Air Source Pressure: 0.75 - 1.0 MPa
- Highlight: **Chip Packaging N₂ Generator, Skid Integrated 99.999% System, PLC Automatic 30 Nm³/H Gas Unit**

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Product Description

Skid Integrated N2G-99.999 Nitrogen Generator PLC Automatic 30 Nm3/H for Electronic Chip Packaging

The **Skid Integrated N2G-99.999 Nitrogen Generator** delivers **30 Nm3/H** of **99.999%** ultra-pure nitrogen for electronic chip packaging. Fully PLC-automated and skid-integrated, this industrial gas generator provides clean, moisture-free nitrogen for chip sealing, reflow soldering and component storage.

Product Attributes

Attribute	Value
Brand Name	Fly Speed
Model Number	N2G-99.999
Capacity	30 Nm3/H
Nitrogen Purity	99.999% (O2 ≤ 5 ppm)
Integration	Skid Integrated
HS CODE	8419609090

Core Features & Advantages

Ultra-High Purity 99.999%: Oxygen below 5 ppm protects chips from oxidation during packaging.

Skid Integrated Design: Generator, dryer, filters and controls pre-assembled on one skid.

PLC Automatic Operation: Fully automatic start, run and monitoring with touch screen HMI.

Electronic Chip Packaging: Ideal for chip sealing, reflow soldering and anti-oxidation storage.

Clean Dry Nitrogen: Dew point below -60°C prevents moisture damage to components.

Space Saving: Compact skid integration reduces installation footprint and cost.

Technical Specifications

Parameter	Value
Nitrogen Capacity	30 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, 50/60Hz
Adsorbent	Carbon Molecular Sieve (CMS)
Control System	PLC + Touch Screen HMI
Integration	Full Skid Package

Applications

Used in electronic chip packaging lines, semiconductor component assembly, PCB reflow soldering and electronics cleanroom storage.

Frequently Asked Questions

Q: Why 99.999% purity for chip packaging?

A: Ultra-low oxygen and moisture prevent oxidation and contamination of sensitive electronic components.

Q: What is included in the skid package?

A: The skid integrates the PSA generator, purification dryer, filters and PLC control system.

Contact us today! Fly Speed supplies skid-integrated 99.999% nitrogen generators for electronic chip packaging.



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