

## OR Nitrogen Generator Skid Purification Package Add Hydrogen Type

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: CE
- Model Number: DC
- Minimum Order Quantity: 1set
- Price: Negotiate
- Packaging Details: Plywood or other type
- Delivery Time: 65work days
- Payment Terms: T/T
- Supply Ability: 2set/month



### Product Specification

- Name: Nitrogen Purificate Package
- Material: CS OR SS
- Process: Add Htdrogen To Purification
- Capacity: 5-3000Nm3/h
- Power: According To Design
- Color: Customizable
- Oxygen In Nitrogen In Raw Materials: Below 1%
- Highlight: **nitrogen generator skid Purification Package, OR nitrogen generator skid, Hydrogen nitrogen skid package**



## Product Description

### Nitrogen Purification Package Add Hydrogen And Deoxygenation Type

Nitrogen purification equipment is a device used to improve the purity of nitrogen, which can separate high-purity nitrogen from gas sources containing impurities. The following is a detailed introduction to nitrogen purification equipment:

#### Working principle

The working principle of nitrogen purification equipment is based on the that oxygen and hydrogen in nitrogen can react peacefully with palladium catalyst to generate water. Then, through the dehydration process, water is discharged to obtain high-purity and low dew point nitrogen gas.

#### Equipment features

Continuous operation of equipment  
High deoxygenation efficiency  
High nitrogen purity  
Automatic hydrogenation type  
Controllable hydrogen content  
Direct reading of nitrogen purity  
Nitrogen dew point below -60 .

#### Datasheet of nitrogen purificate package

NO.	Item	Specification
1	Model	DC5N-100
2	Type	Add hydrogen to remove oxygen in nitrogen
3	Environment	Place Indoor
		Temp Min -5 Max 45
		humidity Min 0%RH Max90%RH
4	Inlet capacity	300Nm3/hr
5	Inlet N2 purity	≥99%
6	Outlet capacity	280Nm3/hr
7	Outlet N2 purity	≥99.999%
8	Work type	Continuous
9	Power	18Kw 380-400V 50Hz
10	Weight	2250Kg
11	Size	2300×2100×2550





**Precautions for use:**

1. Ensure that the equipment is installed in a well-ventilated, dry and clean environment;
2. Regular maintenance and upkeep of equipment should be carried out, including replacing adsorbents, palladium catalysts, etc., to ensure the normal operation of the equipment and extend its service life;
3. It is necessary to operate and use the equipment according to its requirements to avoid equipment damage or safety accidents caused by mis operation or overload operation.
4. The regenerated gas is discharged into a safe outdoor area.

GASPU can supply nitrogen purification skid which capacity between 5-3000Nm<sup>3</sup>/h. Oxygen in Nitrogen can below 1ppm and water in nitrogen can below 5ppm.



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