

OEM N2 Skid Industrial Nitrogen Generator Purification Equipment

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

- 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: **OEM n2 skid, n2 skid Purification Equipment, industrial nitrogen generator Skid**



More Images



Product Description

Nitrogen purification equipment, add hydrogen and deoxygenation type, efficient, safe, and stable.

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

High purity: Nitrogen purification equipment can produce high-purity nitrogen, meeting the requirements of various industrial applications for gas purity.

Efficient and energy-saving: Advanced separation technology and materials are used, and nitrogen purification equipment has high separation efficiency and low energy consumption.

Easy to operate: The nitrogen purification equipment is easy to operate and can achieve automated control, reducing manual intervention and operational errors.

Green and environmentally friendly: Nitrogen purification equipment does not produce harmful substances during the production of high-purity nitrogen, and is nonpolluting to the environment.

Application field: Nitrogen purification equipment is widely used in industries such as electronics, chemical industry, medicine, food packaging, metallurgy, etc. In these fields, high-purity nitrogen is used as a protective gas, reaction gas, carrier gas, etc. to ensure the accuracy and stability of production and experimental processes. Meanwhile, nitrogen purification equipment is also used for gas recovery and reuse to reduce gas waste and environmental pollution.

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 5-3000Nm³/h. Oxygen in Nitrogen can below 1ppm and water in nitrogen can below 5ppm.



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