

A PSA Nitrogen generator, it's pressure vessel inside with PED certified, higher compliance,better safety

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: CE/PED
- Model Number: NG
- Minimum Order Quantity: 1set
- Price: Negotiate
- Packaging Details: Plywood or other type
- Delivery Time: 75work days
- Payment Terms: T/T
- Supply Ability: 2set/month

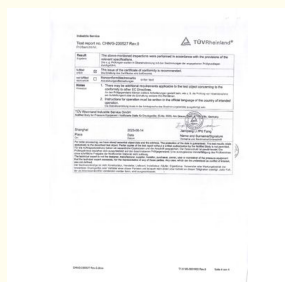


Product Specification

- Warranty: One Year
- Usage: Nitrogen
- Condition: New
- Purity: 95%-99.9995%
- Application: General Industrial Fields
- Technology: Pressure Swing Adsorption (PSA)
- Material: Carbon Steel / Stainless Steel
- Highlight: **psa onsite nitrogen generation,
generator onsite nitrogen generation,
industrial psa nitrogen generator**



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Product Description

A PSA Nitrogen generator, it's pressure vessel inside with PED certified, higher compliance, better safety

PED certification, also known as Pressure Equipment Directive (PED, 97/23/EC) certification, is a mandatory certification requirement for pressure equipment in Europe. Any equipment with a design pressure exceeding 0.5 bar, regardless of its pressure or volume, must comply with PED regulations.

A nitrogen generator, as a device for producing nitrogen, requires PED certification if there is pressure equipment inside and the design pressure exceeds 0.5 bar. This is mainly to ensure that the design, manufacturing, and use of the nitrogen generator comply with European safety standards, thereby ensuring personnel safety and equipment stability.

The process of PED certification usually includes self-assessment by manufacturers, verification of pressure equipment by PED certification agencies, and on-site inspections. Manufacturers need to conduct self-assessment in accordance with PED requirements to ensure that the design, manufacturing, and use of their equipment comply with regulations. Then, the PED certification body will verify and conduct on-site inspections on the equipment to confirm whether it meets the requirements of PED.

GASPU strictly follows the PED regulations, and the design, manufacturing, and inspection of the entire pressure vessel are all carried out in accordance with the PED specifications. It has been confirmed by TUV/Lloyd's and other certification bodies for better safety.

Nitrogen generators certified by PED can freely circulate in the European market and gain the trust of European consumers. This can not only enhance the market competitiveness of nitrogen generators, but also bring more commercial opportunities to manufacturers.

Therefore, if there is pressure equipment inside the nitrogen generator and the design pressure exceeds 0.5 bar, it is recommended that the manufacturer obtain PED certification as soon as possible to ensure that the product can be sold and used smoothly in the European market.



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