

Nitrogen Generation Instrument Pneumatic Skid Explosion Proof Offshore Package 500SCFM

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: ATEX, IECEx, CE, ISO 9001
- Model Number: IPN-500EX
- Minimum Order Quantity: 1 Set
- Price: USD 100000-350000 / Set
- Packaging Details: Export wooden case with waterproof lining and foam protection
- Delivery Time: 120 working days
- Payment Terms: T/T, L/C
- Supply Ability: 4 Sets per Month



Product Specification

- Instrument Air Flow: 500 SCFM
- N2 Capacity: 100 Nm3/h
- N2 Purity: 99.9%
- Pressure Dew Point: -40 Deg F
- Hazardous Area Rating: ATEX/IECEx Zone 1, Zone 2
- Control System: Redundant PLC With SIL2 Rating
- Power Supply: 440V/60Hz Offshore Standard
- Coating: Marine Grade, Salt Spray Resistant
- Highlight: **Explosion Proof Instrument Pneumatic Skid,
Offshore Nitrogen Generation Air Skid,
ATEX Instrument Air N2 Package**

Product Description

Nitrogen Generation Instrument Pneumatic Skid - Explosion Proof Offshore Package 500SCFM

This explosion-proof nitrogen generation instrument pneumatic skid is engineered for offshore and hazardous area applications, combining 500 SCFM instrument air with 100 Nm³/h nitrogen generation in an ATEX certified package.

Hazardous Area Design

Explosion proof construction: ATEX/IECEx certified electrical components for Zone 1 and Zone 2

Offshore grade materials: marine coating and stainless steel fittings for salt spray resistance

Pneumatic redundancy: dual instrument air dryers with automatic changeover

Integrated nitrogen generation: PSA based N₂ skid for blanketing and purging duties

Compact footprint: engineered for limited deck space on platforms

Technical Specifications

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N ₂ Capacity	100 Nm ³ /h
N ₂ Purity	99.9%
Pressure Dew Point	-40 deg F
Hazardous Area Rating	ATEX/IECEx Zone 1, Zone 2
Control System	Redundant PLC with SIL2 rating
Power Supply	440V/60Hz offshore standard
Coating	Marine grade, salt spray resistant

Applications

Offshore oil and gas platforms, FPSO vessels, refineries, chemical plants and other hazardous area facilities requiring instrument pneumatic air and nitrogen generation.

Ask our engineers for a customized explosion-proof instrument pneumatic skid design tailored to your site conditions.



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