

Explosion Proof Instrument Air Skid with SIL2 Certified Redundant Control and 500 SCFM Capacity

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: GASPU
- Certification: ATEX, IECEx, SIL2, CE, ISO 9001
- Model Number: EIA-500S
- Minimum Order Quantity: 1 Set
- Price: USD 120000-400000 / 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: 3 Sets per Month



Product Specification

- Power Supply: 440V/60Hz Offshore Standard
- Pressure Dew Point: -40 Deg F
- Control System: Redundant PLC With Safety Functions
- Hazardous Area Rating: ATEX/IECEx Zone 1, Zone 2
- Instrument Air Flow: 500 SCFM
- Working Pressure: 120-150 Psig
- Highlight: **SIL2 Explosion Proof Air Skid, Redundant Control Instrument Air Package, Offshore Flameproof Air System**

Product Description

Explosion Proof Instrument Air Skid SIL2 Redundant Control 500SCFM Offshore Package

This explosion proof instrument air skid combines 500 SCFM instrument air capacity with SIL2 certified redundant control for offshore platforms and FPSO vessels. The package delivers fail-safe pneumatic air supply in the most demanding hazardous environments.

Safety and Reliability Features

SIL2 certified control: redundant PLC architecture with safety instrumented functions

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

Marine grade materials: salt spray resistant coating and stainless steel fittings

Redundant drying train: dual dryers with automatic changeover for uninterrupted operation

Compact offshore footprint: engineered for limited platform deck space

Technical Specifications

Instrument Air Flow	500 SCFM
Pressure Dew Point	-40 deg F
Working Pressure	120-150 psig
Safety Integrity Level	SIL2
Hazardous Area Rating	ATEX/IECEx Zone 1, Zone 2
Control System	Redundant PLC with safety functions
Coating	Marine grade, salt spray resistant
Power Supply	440V/60Hz offshore standard

Applications

Offshore oil and gas platforms

FPSO vessels

Refineries

LNG terminals

Chemical plants requiring SIL2 explosion proof instrument air systems

Ask our engineers for a customized explosion proof instrument air skid designed for your hazardous area classification.



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