

ABOUT US

we are committed to delivering high-performance, safe, and reliable gas monitoring and distribution systems tailored to mission-critical industries.



VISION

- Global Gas Solutions is one of the leading Manufacturers, Exporters and Suppliers of Gas Automation Instruments and Gas Handling Equipment.

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At Global Gas Solutions, we are committed to delivering high-performance, safe, and reliable gas monitoring and distribution systems tailored to mission-critical industries. With years of hands-on experience and engineering excellence, we specialize in designing, manufacturing, and integrating advanced solutions for industrial, pharmaceutical, laboratory, medical, and semiconductor environments.

From real-time gas pressure monitoring to ultra-high-purity gas distribution networks, our technologies are built to ensure precision, safety, and uninterrupted performance. Whether you're overseeing a multi-cylinder installation or implementing a centralized gas system for a controlled environment, we deliver scalable, end-to-end solutions that meet the most demanding standards.

What We Do

- **Gas Monitoring Systems**
Real-time, multi-channel monitoring with intelligent alarms for critical gas applications.
- **High-Purity Gas Distribution**
Complete design and installation of ultra-clean gas piping systems with advanced fabrication techniques.
- **Automation & Control**
Smart auto-changeover systems, low-pressure alerts, and interface-driven control for uninterrupted gas flow.
- **Gas Handling & Blending Equipment**
Efficient, reliable tools for cylinder rolling, gas mixing, and purification processes.
- **Industrial & UHP Components**
Precision-engineered stainless steel fittings, valves, and regulators built for clean and high-pressure gas applications.

VACUUM BAKE-OUT OVEN (VBO)

Business Type
Manufacturer, Exporter, Supplier,
etailer

Material
Stainless Steel

Driven Type
Electric

Condition
New

Automatic Grade
Automatic

Application
High Purity Gases

Certification
ISO9000-2015

Voltage
440V/220 Volt.



APPLICATIONS

- Semiconductor & electronics gas preconditioning
- Specialty & calibration gas preparation
- Pharmaceutical & laboratory gas handling
- High-purity industrial gas packaging

ADVANTAGES

- Ensures enhanced cylinder purity and contaminant removal
- PLC/HMI-based automated operation
- Explosion-proof and safety-compliant design
- Modular, durable, and low-maintenance build

GAS CYLINDER ROLLER

Business Type : Manufacturer, Exporter, Supplier, Trader

Brand Name : Global gas solutions

Material : Heavy-duty Construction powder and zinc coated mild steel

Application : Gas Filling, Cylinder Refurbishing, Gas Blending

Purity : High purity,UHP



ADVANCED GAS MONITORING SYSTEM

Business Type : Manufacturer, Exporter, Supplier

Parameter :Details

Input Signal : 4–20 mA Pressure Transmitter

Display Unit : Bar (Configurable to PSI, kPa, etc.)

Channels Supported : 2 to 60 (Expandable)

Alarm Type : Buzzer + Flashing LED

Alarm Reset : Manual Acknowledgment Button

Display Colors : Green (Normal), Yellow (Low), Red (Critical)

Control Interface : HMI Touch Panel / PC Software



LGA USING CONTACT GAUGE

Business Type : Manufacturer, Exporter, Supplier

Input Compatibility : Normally Closed (NC) / Normally Open (NO) Contact Gauges

Outputs:

- Dual-Color LED (Green/Red)
- Built-in Buzzer
- External Relay (NO/NC contacts)

Power Supply : 220V, 50Hz \pm 10%

Enclosure Rating : IP65 (Dust and Water Resistant)

Operating Temperature : 20°C to 50°C



LOW GAS ALARM SYSTEM USING PRESSURE TRANSMITTERS

Business Type : Manufacturer, Exporter, Supplier

Parameter : Details

Input Supply : 220V / 110VAC, 50/60 Hz, 1 Amp max (customizable)

Pressure Range: 4 to 20 mA output

Output Relay : SPDT (1 NO + 1 NC)

Display : Dual-color LED (Green / Red)

Alarm Buzzer : Built-in, 85 dB



2-CHANNEL GAS PRESSURE MONITORING SYSTEM

A multi-channel gas monitoring solution for simultaneous supervision of four gas lines. Ensures early detection of low-pressure conditions and uninterrupted operation.

Main Key Features

- 2 independent gas channels
- 4–20 mA pressure sensor input
- Pre-Alarm & Low-Pressure Alarm
- Color-coded HMI indication
- Relay output and buzzer



4-CHANNEL GAS PRESSURE MONITORING SYSTEM

A multi-channel gas monitoring solution for simultaneous supervision of four gas lines. Ensures early detection of low-pressure conditions and uninterrupted operation.

Main Key Features

- 4 independent gas channels
- Individual alarm limits per channel
- LED color status (Green / Yellow / Red)
- Alarm acknowledge function
- Relay-based gas control

Technical Specifications

- Channels : 4
- Input : 4–20 mA
- Displayb: 4.3" / 7" HMI
- Alarm levelsb: Pre-Alarm + Low Alarm



8-CHANNEL GAS PRESSURE MONITORING SYSTEM

An advanced monitoring system for eight gas lines, ideal for centralized gas installations. Provides real-time visibility, alarm alerts, and relay control from a single interface.

Main Key Features

- 8 independent monitoring channels
- Color-coded alarm indication
- Global unit selection
- EEPROM data storage
- Centralized HMI control



16-CHANNEL GAS PRESSURE MONITORING SYSTEM

A high-density gas monitoring system designed for large industrial gas networks. Allows centralized supervision of multiple gas lines with reliable alarm protection.

Main Key Features

- 16 independent gas channels
- Individual alarm and relay control
- Real-time pressure & percentage display
- Master relay and buzzer output

Technical Specifications

- Channels: 16
- Input: 4–20 mA
- Display: 7" HMI
- Data storage: EEPROM



24-CHANNEL GAS PRESSURE MONITORING SYSTEM

A high-capacity monitoring solution for large-scale multi-gas installations. Ensures complete visibility and safety across all gas lines from a single HMI.

Main Key Features

- 24 independent monitoring channels
- Color-based alarm indication
- Individual & master relay control
- Global pressure unit selection

Technical Specifications

- Channels: 24
- Input: 4–20 mA
- Display: 10" HMI
- Alarm levels: Pre-Alarm + Low Alarm

● 134.5bar	Ar	● 15.6bar	He	Relay UNIT ACK
● 122.7bar	CO	● 125.9bar	NH3	
● 10.3bar	H2	● 132.2bar	O2	
● 111.4bar	CO2	● 17.1bar	Cl2	
● 67.1bar	LiOH	● 90.9bar	Ar	
● 5.6bar	NH3	● 139.9bar	H2	
● 133.1bar	O2	● 123.1bar	CO2	
● 99.4bar	Ar	● 43.2bar	LiOH	
● 34.1bar	He	● 16.9bar	CO	
● 87.3bar	H2	● 11.0bar	O2	
● 19.0bar	CO2	● 51.9bar	Ar	
● 22.9bar	N	● 100.1bar	He	

GAS SEMI-AUTOMATIC CHANGEOVER PANEL

Business Type : Manufacturer, Exporter, Supplier

Parameter : Details

Operating Principle : Pressure differential mechanism

Compatible Gas Types : Argon, Helium, Nitrogen, Oxygen, CO₂, Hydrogen, Acetylene, Nitrous Oxide, and other industrial or specialty gases.

Max Inlet Pressure : Adjustable (Standard: 0.5 – 10 bar)

Material : Brass / Stainless Steel (Corrosion-resistant)

Connection Type : Flanged or Threaded (Customizable)



FULLY AUTOMATIC GAS AUTOCHANGEOVER PANEL

Business Type : Manufacturer, Exporter, Supplier

Input Gas Types : LPG, CNG, LNG, Industrial Gases

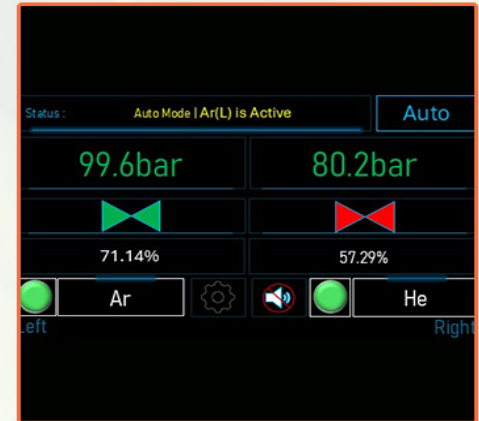
Operating Pressure : 0.5 – 20 bar (adjustable)

Power Supply : 220V AC / 24V DC (Optional battery backup available)

Switching Time : Under 5 seconds

Enclosure Rating : IP65 (Dust & Water Resistant)

Display : Digital LED / LCD Screen



SINGLE CYLINDER GAS PANEL

Business Type : Manufacturer, Exporter, Supplier

Manifold Type : High Pressure

Line Connection Size : 1/4" to 3/4"

Suitable Gas : Industrial Gas

Automation Grade : Manual

Brand : GGS

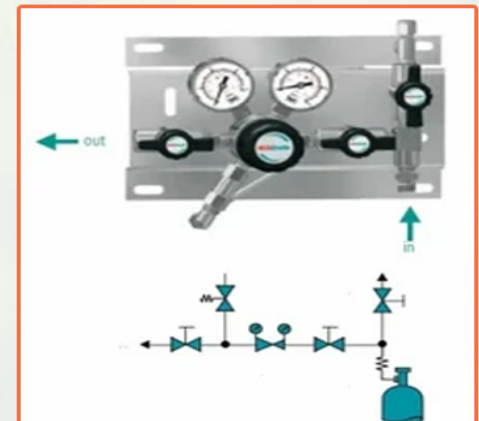
Header Material : Stainless Steel

No Of Cylinders : one

Working Pressure : 200 bar

Probe Type : Single

End Connection : Compression



GAS PURIFICATION PANEL

Business Type : Manufacturer, Exporter, Supplier

High-Efficiency Purification : Removes key impurities for ultra-pure output.

Robust Construction : Durable components ensure safe, long-term use.

Safety & Control : Integrated valves, regulators, and gauges.

Modular Design : Configurable for different gases and purity levels.

Condition : New

Driven Type : Electric



STAINLESS STEEL TUBE FITTINGS

Business Type : Manufacturer, Exporter, Supplier

Size : Multi sizes

Connection : New

Material : Stainless Steel

Packaging Type : Box

Shape : Available In Different Shape

Feature: Perfect Shape, High Strength

Country of Origin : India

Color : Silver

Application : Connecting Tubes In Various Applications



ULTRA HIGH PURITY FITTINGS

Business Type : Manufacturer, Exporter, Supplier

Finishing : Polished

Shape : Multi Shapes

Color : Gray

Condition : New

Feature4 : Perfect Shape, High Strength

Type : High Pressure Fittings

Material : 316L Stainless Steel



CYLINDER BRACKET

Business Type : Manufacturer, Exporter, Supplier, Retailer

Type : Bracket

Speciality : Hardend & Temper, Auto Reverse, Accuracy Durable

Usage : Cylinder Holding, Mounting Cylinders Securely

Country of Origin : India

Color : Grey

Material : Stainless Steel

Diameter : 0-10mm,10-20mm,20-30mm,30-40mm,40-50mm,50-60mm





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