

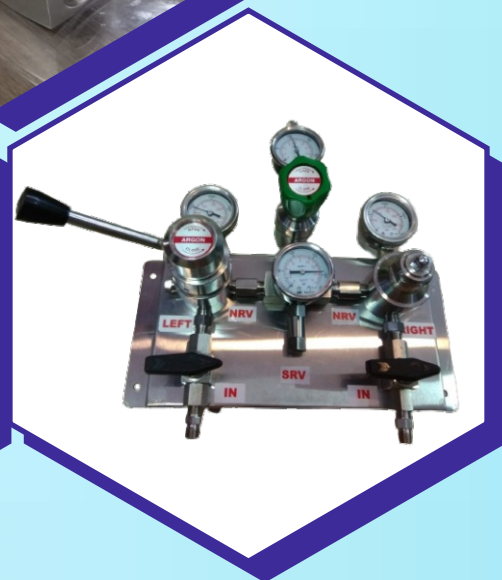


# Analytical

**Gas Piping & Utilities Projects**

**Gas Equipments / Gas generators**

**GC / HPLC / Analytical Accessories**



## PRODUCT GUIDE

**Innovative Technology for  
Excellent Results**

- Gas Purification Control System
- Gas Piping & Utility Projects
- Gas Generator (High Purity) for Air,  
Nitrogen & Hydrogen
- Gas Detector & Analyzer
- Chilled Water & Drain System
- GC & HPLC Column & Syringes / Consumables
- Autosampler Head Space Vials
- Syringe Filters

We introduce ourselves as one of the leading manufacturing of laboratory gas handling and control Systems for various Inert, high Purity, Flammable and Non Flammable Gases. We design, supply, install & develop Turnkey projects for all types of pharma, Chemicals, Petroleum, Food & Pesticides laboratories our scope includes

- Supply & Installation of gas piping & utility system
- Gas detection system
- Low gas alarm panel system
- HPLC drain system & water line
- Gas cabinet & Gas bank shed
- AAS & ICP Ducting & Exhaust
- Gas cylinder automation
- Shfitting



Under AJ we have our own manufacturing various products like :

- Change Over Panel
- Regulator
- Valve & Micron Filter
- Flexible Hoses
- Tube & Pipe Fitting
- Clamp / Support/Tagging



We undertake the total Turnkey projects for High Purity Gases, Utilities, Cylinder Storage Systems, Cylinder Cabinets and Drainage Systems.

Some of the our prestigious customers are :

- Meril Life Sciences
- Gufic Bio Science
- Heranba Industrial
- Alcon Bio Science
- IPCA Laboratories ltd
- Alkem Laboratories ltd



# GAS EQUIPMENT

## ◆ GAS PURIFICATION & CONTROL PANEL FOR GC



Gas Purification Panel

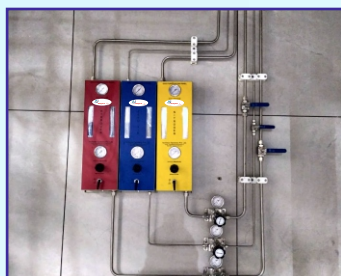


Gas Distribution Panel



Gas Selector Box

### PIPELINE PROJECT



### DOUBLE STAGE CYLINDER REGULATOR WITH PRE HEATER



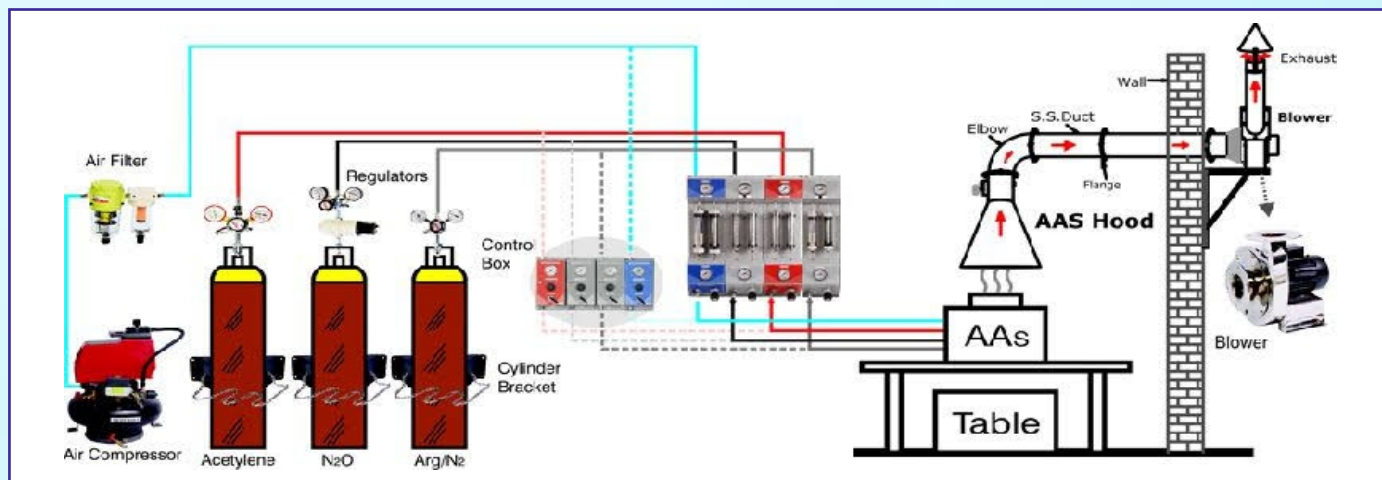
### POINT OF USE REGULATOR



### HIGH PISTON TYPE CYLINDER REGULATOR

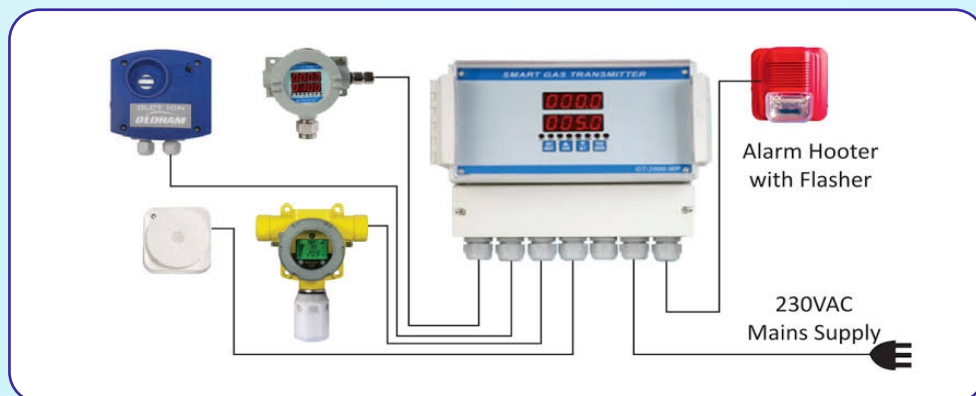


## ◆ GAS PURIFICATION & CONTROL PANEL FOR AAS



## ◆ GAS DETECTION SYSTEMS

### Gas Transmitter / Detector



# GAS / UTILITY PIPING PROJECTS

## ◆ GAS PIPING & UTILITY PROJECTS

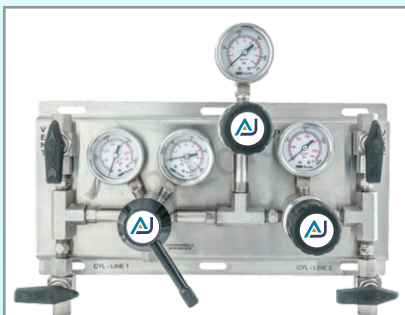
AJ is one of the leading manufacturing of Laboratory Gas Handling & Control System for various Inert, High Purity, Flammable & Non Flammable Gases. We design, supply, install & develop Turnkey projects for all types of Pharma, Chemicals, Petroleum, Food & Pesticides Laboratories.

### Gas Management Systems



- *Supply & Installation of Gas Piping & Utility Project*
- *Gas Detection System*
- *Low Gas Alarm Panel System*
- *HPLC Drain System*
- *Gas Cabinete & Gas Bank Shed*
- *AAS & ICP Ducting & Exhaust*
- *Gas Cylinder Automation*
- *Gas Cabinet & Cylinder Shed*

## ◆ AUTO GAS CHANGEOVER SYSTEM



Semi Automatic Changeover



Semi Automatic Changeover without Outlet Regulator



Double Stage Cylinder Regulator

## ◆ MANUAL CHANGEOVER & MANIFOLD SYSTEM



Blower Hood Sound Free .5 HP



High Piston Type Cylinder Regulator



Gas Manifold for Two Cylinder

Gas Manifold for Four Cylinder

# GAS GENERATORS

## ULTRAPURE GAS GENERATORS

- Nitrogen Generator for LCMS, Turbo Evaporator, SPE
- Nitrogen Generator for LC/MS/MS
- Zero Air Generator for GC/TOC
- 3 in 1 Combination Generator (N<sub>2</sub>, H<sub>2</sub>, ZA)

### Salient Features:

- Deliver constant pressure & flow
- Fully automatic programmable system
- Easy maintenance and space saving
- Improves instrument performance

**Compressor**



**Air Nitrogen Combine Generator**



**Nitrogen Generator**

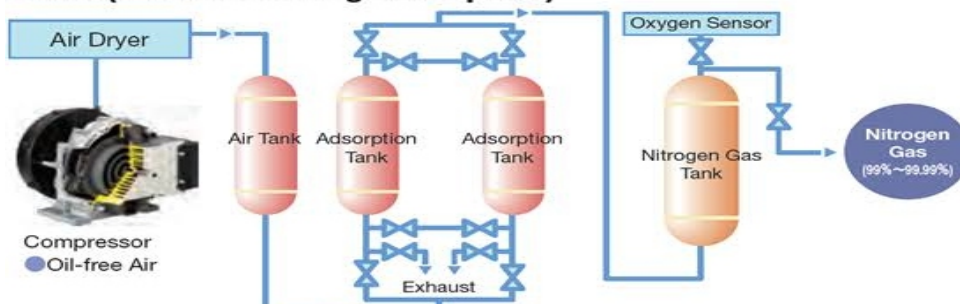


**Hydrogen Generator**



### Nitrogen Generator Flow Chart For Plant

• **PSA (Pressure Swing Adsorption)**



# ANALYTICAL EQUIPMENTS



◆ ULTRASONIC BATH (SONICATOR)



◆ GAS PURIFICATION FILTER



◆ AUTO GAS CHENG OVER CONTACT GAGE



◆ 2+1 MANIFOLD



◆ Regulator With Inlet & Outlet Pressure Guage & Ball Valve



◆ LPG BURNER



◆ ROTAMITER



◆ COMPRESSOR AIR FILTER

# SS PHARMA EQUIPMENTS



◆ SS PACKING CHAIR



◆ SS SQ. STOOL



◆ SS LADDER (SMALL)



◆ SS DUSTBIN



◆ SS CRUSH OVER BENCH



◆ CYLINDER TROLLEY



◆ 1/2 INCHI & 1/4 GAS PURIFICATION SYSTEM

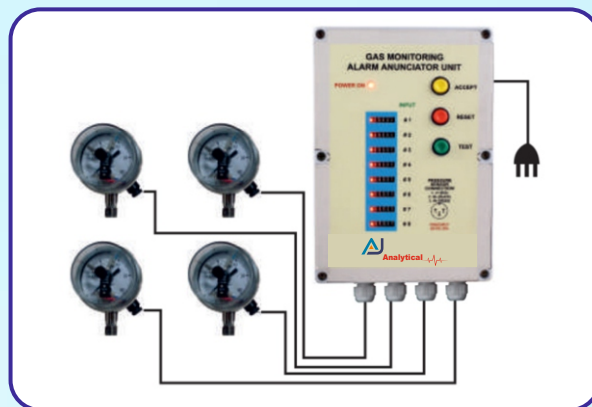


◆ BALL VALVE WITH TUBE FITTINGS

# SS PHARMA EQUIPMENTS



◆ PROJECT GAS PIPELINE WITH LINE REGULATOR



◆ GAS MONITORING SYSTEM ALARM



◆ LOW GAS ALARM PANEL



◆ FLEXIBLE HOSES PIGTEL



**Analytical**

📍 G-23, Ground Floor, Ratna Mall Bulding, Plot No. 216,  
Opp. Vapi Care Pharma, Near Morarji Circle, Gunjan, Vapi.

✉ [ajanalytical@gmail.com](mailto:ajanalytical@gmail.com)

📞 90827 77205, 98671 19805