

Innovative Technology for Excellent Results

Gas Equipments / Gas Generators

- Gas Purification Control System
- Gas piping & Utility Projects
- Gas Generator (High Purity) for Air, Nitrogen & Hydrogen
- Gas Detector & Analyzer

Instruments for Lab / Analytical Application

- Sonicator & HPLC Column Oven
- HPLC Column Washing Pump & Liquid Flow Meter
- N₂ Concentrator & Turbo Evaporator
- IR / FTIR Accessories
- Probe Sonicator
- Vacuum Pump
- Digital Gas Flow Meter

GC / HPLC / Analytical Accessories

- GC & HPLC Column & Syringes / Consumables
- Autosampler Head Space Vials
- Syringe Filters



GAS EQUIPMENT

Gas Purification & Control Panel for GC



Gas Purification Panel Model GPP-01



Gas Distribution Panel



Attachments for Gas Panels



Manual Manifold & Pigtail



Mechanical Gas Changeover



Digital Gas Changeover



Gas Monitoring System



Cylinder Regulators



Cylinder Trolley & Bracket



Unistud Support



Air Header & Gas Sampling Bomb / Bottle



Moisture Trap / Oxy Trap

Gas Purification & Control Panel for AAS



Gas Purification Panel Model GPP-01



Gas Distribution Panel



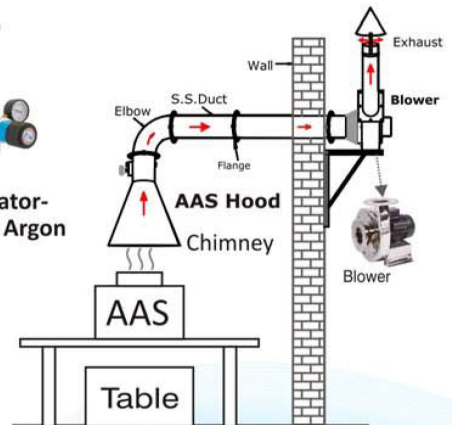
Cylinder Regulator-Acetylene/N₂O/ Argon



Oil Free Air Compressor

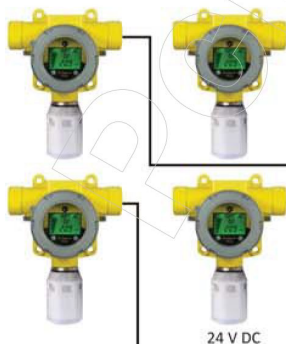


Air / Moisture Filter (Manual / Auto)



Fume Exhaust Hood

Gas Transmitter / Detector



24 V DC



Alarm Hooter with Flasher

230VAC Mains Supply



Portable single-gas detectors



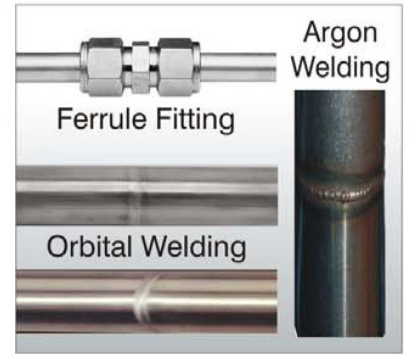
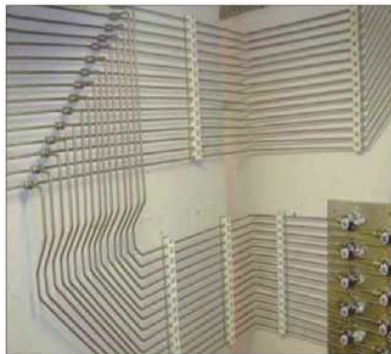
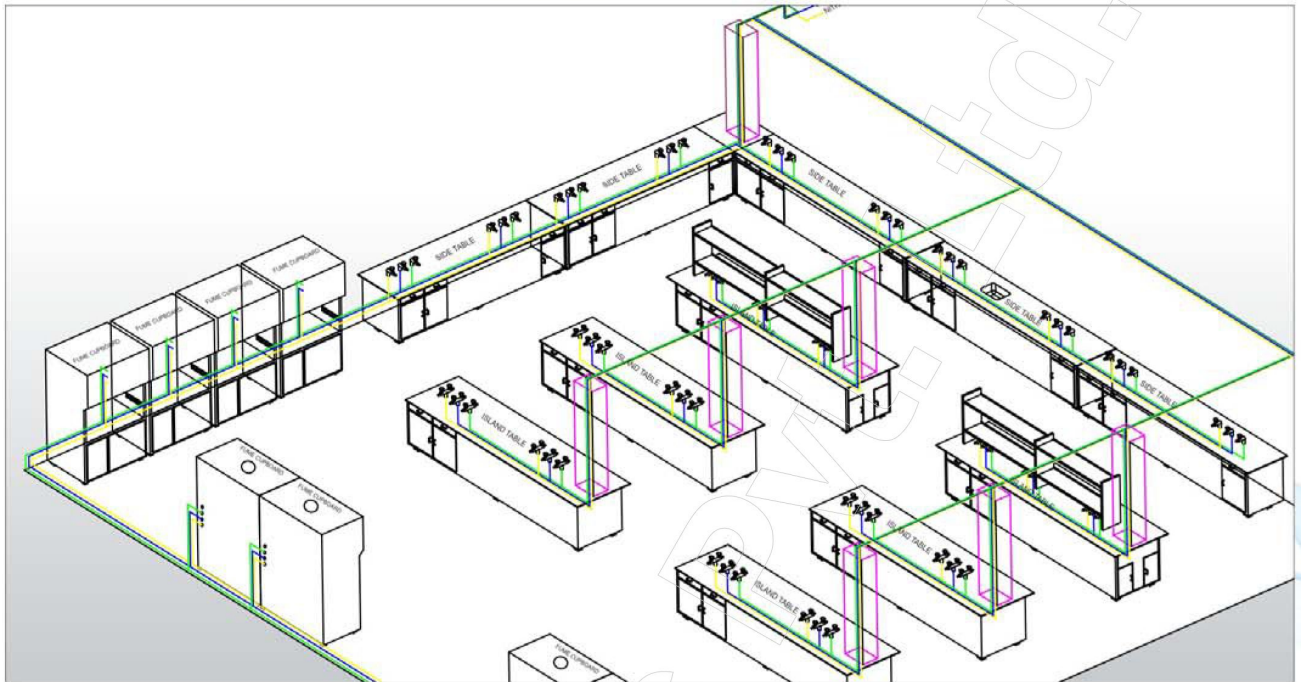
Oxygen Analyser



Portable Oxygen Detector

GAS/UTILITY PIPING PROJECTS

Gas Piping & Utility Projects



Installation & Commissioning

Types of Welding

P-lok® Fittings & Valves (Precision Fittings)



Compression / Socket Fittings



Ball / Needle Valves



Cylinder Regulator & Line Regulators



NRV & Couplings

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 (N₂, H₂, ZA)

Salient Features:

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



**Nitrogen Generator
for LC / MS / MS**



**Zero Air Generator
for GC / TOC**



**3 in 1 Combination Generator
(N₂, H₂, ZA)**



**Nitrogen Generator
S Series**

Technical Specification:

	PGH-300	PGH-500	PGH-1000
Max Hydrogen Flowrate	300 ml/min	500 ml/min	1000 ml/min
Deliver Pressure	0-60 psig (0-0.4 Mpa)		
% purity	>99.999%		
Power	198-242V (AC); 50 Hz, 1 Phase		
Min/max Temperature	5-40 °C		
Suitable Environment	non-corrosive and dust-free		
Dimensions	420 x 210 x 350mm (LxWxH)		
Weight	20 kg (approx)		
Fluid Tank Capacity	3 Ltr.		

* Higher capacity model also available like 3 LPM & 3 LPM

Working Principle:

Hydrogen is produced by most advanced electrolytic membrane technology. The application of voltage across the electrolyte result in hydrolysis, breaking down the water molecular into hydrogen and oxygen, which are separated by the permeable membrane.

Hydrogen Gas Generator



ANALYTICAL EQUIPMENTS

Ultrasonic Bath (Sonicator)



Ultrasonic Bath

Ultrasonic Bath with Chiller

Sonoshaker



Probe Sonicator



Ultrasonic Performance Meter



Probe Sonicator (Advanced)

Digital Gas Flow Meters



DFM-04

DFM-05

DFM-07

DFM-08

HPLC Column Ovens



Model: HCO-01

Model: HCO-02

Model: HCO-04

Model: HCO-052

IR/FTIR Accessories



Hydraulic Press 2 Tons

Manual Hydraulic Press

Automatic Hydraulic Press

NaCl / KBr Windows

Pallet Holder & Agate Mortar Pestle



Dry Box



KBr Die Set



Universal Liquid Cell Holder

Oil Free Vacuum Pumps



ROCKER-300

PCI-15

PV300

HPLC Columns Storage Units



CSC 30SS

PcolSafe-CSC 120P

CSC 30MS

Analytical Equipments & Attachments



Water Purification System

HPLC Liquid Flow Meter

Recirculating Water Chiller

Nitrogen Concentrator / Sample Evaporator 50/100

Positive Pressure SPE 96

HPLC Column Washing Pump LCP-02 (Series II) for 5 Column Washing attachment

Analytical Accessories & Attachments



Sterility Test Unit

Multifold Solvent Filtration

PcolSafe®
Column Safety Cabinet

CONSUMABLES

GC Consumables



Glass / SS /
Capillary Columns



GC Septas
Silicon Rubber / Teflon Coate



Ferrules (Teflon / Graphite)



Column Adapters

UV Accessories & Lamps



Cuvettes-Quartz / Glass



D2 / Hollow Cathode Lamp

HPLC Consumables



Solvent
Filtration Kit



Sample
Filtration Kit



Mobile
Phase Filter



PEEK/SS Tubing



SS Fittings



Rheodyne Injector

HPLC Columns

Waters
THE SCIENCE OF WHAT'S POSSIBLE.™



Nucleosil
MN
Macherey-Nagel



COSMOSIL
nacalai tesque



SGE Analytical Science

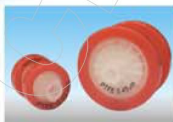
Pconlab Syringe Filters

pconlab...
(Precision Consumables for Laboratory)

Nylon Syringe Filter

PTFE Syringe Filter

PVDF Syringe Filter



Chromatography Consumables

pconlab...
(Precision Consumables for Laboratory)



2ml/1.8 Screw Top Vials with
Black Screw Cap &
PTFE Septa (8 mm)



2ml/1.8 Crimp Top Vials
with 11mm Aluminum
Crimp Cap & Septa



1.5ml Screw Top Vials with
Blue Screw Cap &
PTFE Septa (9mm)



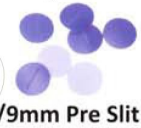
20ml Vials with 20 mm
Aluminum / Magnetic
Crimp Cap & Septa



1ml Shell Vial with Snap Plug



PP Vial with Cap & Septa



8mm/9mm Pre Slit Septa
for Black/Blue Screw Cap



Vial Insert & Syringes
GC/HPLC
Hamilton, SGE & Exmire



HPLC Fittings &
Mobile Phase Filter



Tube
Cutter



Crimper /
Decrimper



Peek
Tubing

Chromatography Consumables



Syringes



GC Capillary
Columns



Septas



Ferrules

Chromatography Consumables



Hollow Cathode Lamps

AccuStandard®



Reference Standards



L2D2 Detector Lamps



Solvent Safety
Waste Manifold



Solvent Safety Caps

PCI[®]
Analytics

PCI Analytics Pvt. Ltd.

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www.pcianalytics.in

pconlab...
(Precision Consumables for Laboratory)

PcolSafe®
Column Safety Cabinet

P-lok®
(Precision Fittings)