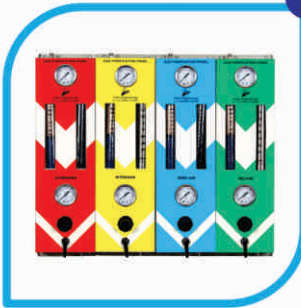


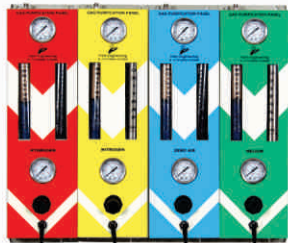
Palm Engineering®

Once Palm, Always Palm



"THE DELIGHT OF OUR CUSTOMERS DEPENDS ON THE QUALITY OF OUR PRODUCTS."
THUS, AT PALM QUALITY IS NOT JUST AN ACT BUT A HABIT THAT IS PRACTICED EVERY DAY.
ONCE PALM, ALWAYS PALM!

GAS PURIFICATION & CONTROL MODULE:-



Gas Purification & Control Module for GC/
AAS / ICP / TOC / LC-MS / Lab Equipments

High & Low Flow GPCM is available for
Chromatography & Spectroscopy application
with high quality indicating traps, calibrated
gauges & poly-carbonate safety cover.

PUM's is available for Chromatography &
Spectroscopy application to set desired
pressure for each instrument in the laboratory.

It helps to control the flow & pressure of
different gases for individual instruments

POINT OF USE MODULES (Gas Control Box)



TWO - STAGE PRESSURE REGULATORS



Different types of Cylinder Regulators for gases like
N₂, H₂, He, Air, O₂, CO₂, C₂H₂, N₂O, Ar, HCL, LPG.....
are available with :-

MOC's - SS Chromplated, SS316, Monel

Pressure - High & Low / Flow - High & Low

AUTO GAS CHANGEOVER SYSTEM



Un-interruptable Gas Supply

Low & High Pressure Output

Alarm Indication

Applicable for N₂, O₂, Air, He, H₂, Ar, CO₂ etc.....

Display of gas concentration &
set point /unit of the gas

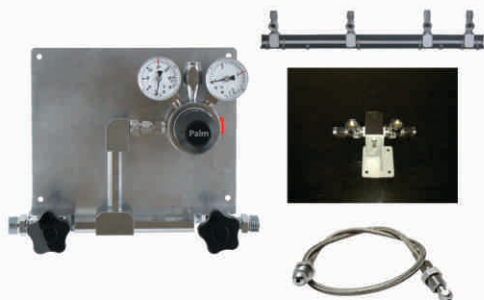
Microcontroller based latest, accurate,
reliable & high performance technology
that eliminate false alarm.

Suitable in hazardous area.

GAS LEAK DETECTOR



GAS MANIFOLD SYSTEM & PIGTAILS



Gas Manifolds for gases like N₂, H₂, He, Air, O₂, CO₂, C₂H₂, N₂O, Ar, HCL, LPG.....are available in the configuration of 1+1, 2+1, 3+1, 4+1, 5+1, 6+1 etc..... for connecting multiple cylinders simultaneously for various high & low pressure OR high & low flow applications of Chromatography, Spectroscopy, Autoclaves, Purging, Blanketing etc.....

SS wire braided high pressure pigtails are available of different lengths in mtr. for connecting gas cylinders to manifolds.

Size – 1/8" to 2"
MOC – SS304, SS316, SS316L, Monel
Threaded & Welded Tee, Elbow & Union
Nut & Ferrule
TC Clamp & Fittings
Flange Fittings



TUBES, FITTINGS & VALVES

VENT HOOD & SPOT EXTRACTOR

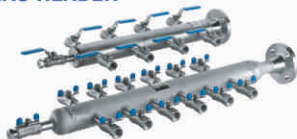


Fume extraction for removing the hazardous fumes from the lab

PP - FRP BLOWERS WITH SCRUBBERS



GAS HEADER



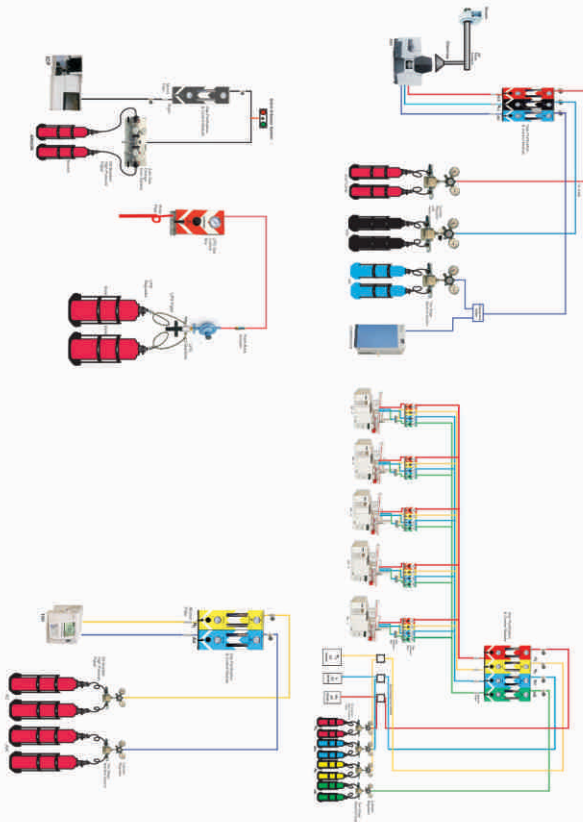
PRESSURE REDUCTION SYSTEM (PRV)



LAB FURNITURE & FUME HOOD



Instrumentation Gas Tubing with Accessories for GC/AAS/ICP/LCMS and etc...



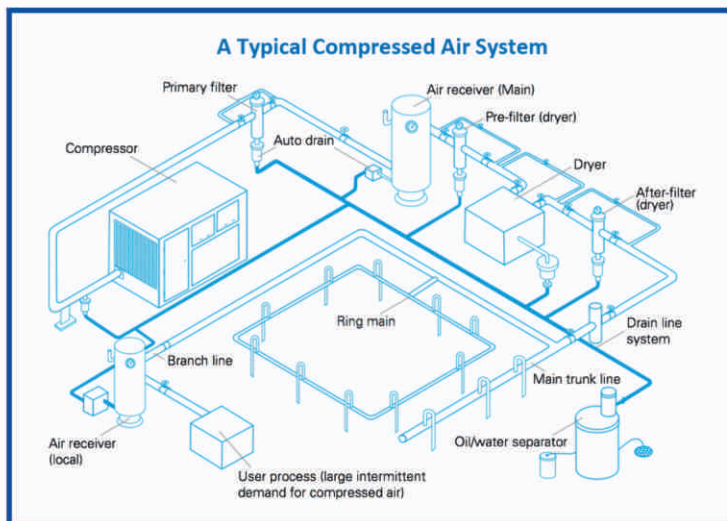
ORBITAL, ARGON & ARC FOR M.S. / S.S. / G.I. WELDING



Palm Engineering has implemented and applied proven **ORBITAL, ARGON, ARC** Welding and **fabrication** techniques tailored to the ever increasing demands of the pharmaceutical, semiconductor, medical, aerospace, vacuum and instrumentation industries.

TURNKEY PROJECTS IN PROCESS & UTILITY PIPING

Palm Engineering is well-known leader in engineering, design, Procurement, manufacturing and installation of high quality process systems.



SS PIPE, FITTINGS AND ACCESSORIES



BEND



DIAPHRAGM & SAMPLING VALVE



ZERO DEAD LEG VALVE



FLANGED BALL VALVE



TC SET



TC 3 WAY VALVE



FLANGE



PNEUMATIC TC BALL VALVE

ALL STAINLESS STEEL EQUIPMENTS



TROLLEY (MULTIPURPOSE)



PALLET TRUCK



STOOL



SS RACK

GAS ACCESSORIES



GAS SAMPLING BOMB



SS BRAIDED HIGH PRESSURE PIGTAIL



PANEL REGULATOR



PU TUBE & PU FITTING



MOISTURE SEPARATOR



LPG BURNER



LPG REGULATOR



PORTABLE AIR COMPRESSOR



FLOW METER



CYLINDER TROLLEY



HOSE PIPE



CYLINDER CABINET



PROFILE CLAMP



TRAPS



PIPE SUPPORT CLAMP



STAINLESS STEEL HOUSING FILTER

LAB INSTRUMENT



SS PACKED COLUMN



OIL FREE VACCUUM PUMP



VACCUUM FILTRATION MANIFOLD SYSTEM



VACCUUM FILTRATION SYSTEM



DIGITAL LAW PRESSURE GAS ALARM SYSTEM



GAUGE WITH VALVE /CRIMPER/DECRIMPER/VIAL/SEPTA



HPLC COLUMN STORAGE CABINET

LAB INSTRUMENT



ULTRASONIC BATH



ULTRASONIC WITH CHILLER



MUFFLE FURNACE



BOD INCUBATOR/
COOLING INCUBATOR



AUTOCLAVE/
FULLY AUTOMATIC



HEATING MANTLE



SOXHLET APPARATUS



HOT PLATE ROUND
& RECTANGULAR



HIGH TEMPERATURE
OIL BATH



INCUBATOR (BOTTOM
HEATER TYPE)



ORBITAL SHAKING
INCUBATOR



PORTABLE
AUTOCLAVE



BUNSEN BURNER



ROTARY SHAKER



SHAKING WATER BATH



VISCOSITY BATH

OUR VALUABLE CUSTOMER



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