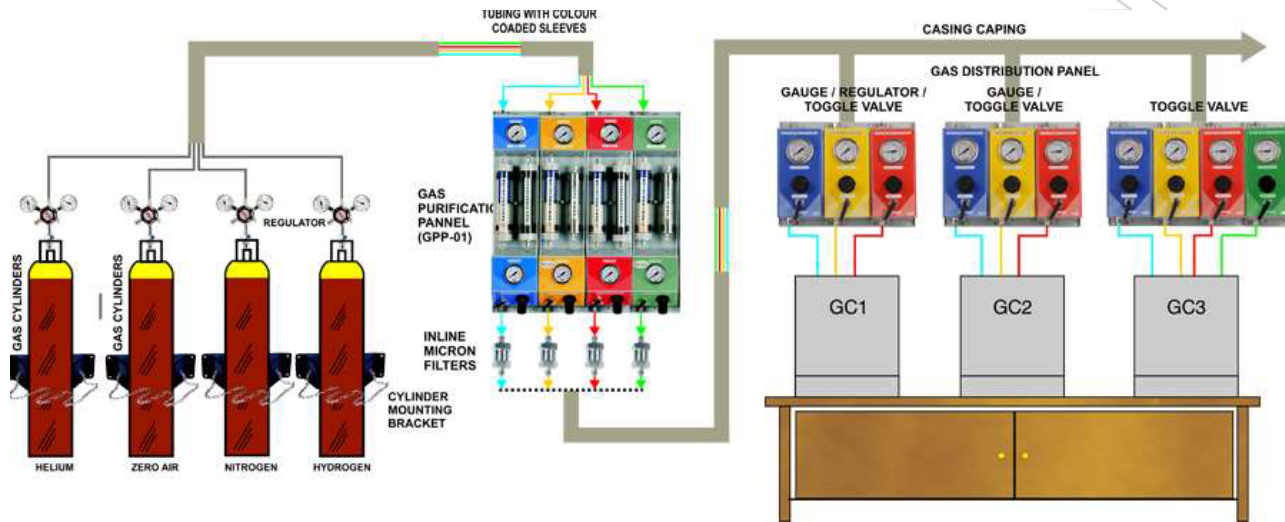


GAS PURIFICATION & CONTROL SYSTEM FOR GC

Installation Diagram for GC



Installation Diagram for GC



Model: GPP-01 Helium Gas Gas Panel for GC

Salient Features & Benefits:

- Deliver ultra-high pure (UHP) grade gases
- Compact design Wall mounted, Powder coated
- Filters are easily detachable
- Suitable for 10 kg/cm² inlet pressure & 7 kg/cm² outlet pressure
- Panel for LC-MC-MS & other applications are also available
- Reduce baseline noise, drift problems etc.
- Increase column life, CC detectors & reduces flame problems
- Improve reproducibility
- Save costly gases through toggle valves & gas distribution panel
- CE certified
- With safety acrylic covers
- Inlet & outlet connection: 1/4' or 1/8

Technical Specifications of Gas Purification Panel for GC :

APPLICATION	FILTER TYPE	MAX.INLET IMPURITY LEVEL	MAX.OUTLET IMPURITY LEVEL	LENGTH END TO END	CAPACITY
Moisture Removal	Silica gel / Molecular Sieve	200 ppm	< 3 ppm	10'	210 CC
Hydro Carbon Removal	Activated Carbon / Charcoal	10 ppm	< 2 ppm	10'	210 CC
Oxygen Removal	De-Oxo Chemical Catalyst	10ppm	< 2 ppm	8'	125 CC
Particle Removal	Micron Filter	25 μ	< 5 μ	2'	-

- Pressure Regulators: Maximum inlet pressure 10 kg/cm² Optional pressure range 0-7 kg/cm² with NeoprenRubber Diaphragm / SS Diaphragm
- Size of panel: 420W X 600H X 87D IN mm (Model GPP-01)
- Net Weight: 14 kg. (Model GPP-01)
- Toggle valve: On / Off Type
- Pressure Gauge: 0-10 kg / cm² panel mounting
- Panel body: Powder coated wall mounted design with optional safety frame & fully S.S body
- Tubing: S.S / Nylon with color coded sleeves
- Optional: Bigger size of ox trap for LC-MC-MS & indicating ox trap for GC MS