



LABORATORY GAS SYSTEMS



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Design, Supply and Installation of Laboratory Gas system

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We do supply and installation of laboratory gas and tubing systems, using the most up to date techniques ensuring the internal cleanliness off our installations.



- Manual or Automatic changeover systems
- Laboratory gas pipeline distribution
- Point of use regulators
- Safety relief systems
- Gas piping for GC, GC-MS, LC-MS, LC-MS-MS
- Gas piping with manifold regulator for ICP & ICP-MS
- Gas purification systems
- Gas control panel for monitoring
- Gas Cylinder Manifolds & cylinder Cages





·Laboratory equipment's require clean, particle free environments in order to provide accurate results. Typical gases for these applications include high purity Helium, Argon, Nitrogen, Instrument Air, Carbon Dioxide, Acetylene and Hydrogen. Every component in the line, including the line material needs to be carefully considered for the application to ensure safe use, as well as accuracy and reliability.

When planning a new or refurbished laboratory, we consider and provide laboratories that are fit for purpose. The end users must provide information on the range of gases that are typically expected to be used within the laboratories and the types and numbers of equipment that the gases will serve.

Stainless steel pipe's corrosion resistance and anti-bacterial qualities allow it to deliver lab gases while maintaining their purity. Although copper has traditionally been the piping material used for lab gas applications, stainless steel may be used when highly corrosive environments exist

Stainless steel pipe may be installed using a variety of joining methods including welded, flanged, threaded and other mechanical joining methods.



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