

CryoService has many years experience in dealing with the organisations within the contract laboratory and general analytical markets and understands the ever changing demands put upon these companies, be this in terms of operational efficiencies, administration time, conformance to regulatory requirements or ensuring that laboratory space is maximised.

All of these need to be achieved without compromising quality and safety, whilst best value is always obtained.

With this in mind CryoService now has a suite of gases and products available to users, dependent upon their requirements. Typical examples of applications currently serviced are:-

- GC and GLC (Gas Chromatography and Gas Liquid Chromatography)
- ICP (Inductively Coupled Plasma)
- LC-MS (Liquid Chromatography Mass Spectrometry)



GASES



Argon

Typically used in ICP-OE and ICP-MS applications, CryoService has a wide range of liquid gas solutions which can be tailored to suit your needs. Features include:

- Storage vessels varying in size from 180 litres up to 6,000 litres capacity
- No down-times or run-outs, as associated with cylinders or cylinder packs when running large auto sampler batches. The storage vessel is permanently connected and even a small liquid argon vessel contains the equivalent of twelve traditional gas cylinders
- Managed cycle delivery schedule, which minimises user involvement. CryoService monitor usage and automatically adjust deliveries accordingly
- Mobile and static vessels supplied
- Removes the issue of manually handling high pressure cylinders

Nitrogen

Nitrogen is used in a wide range of applications, including GC and LC-MS. Our liquid nitrogen systems can be used for both gas and liquid supply, giving you maximum flexibility for your laboratory nitrogen needs. CryoService has a supply and storage solution for almost all applications:

- Storage vessels varying in size from 5 litres up to 12,000 litres capacity
- Ability to rent or purchase storage vessels
- Wide range of vessel types, including static, mobile, vertical and horizontal configurations
- Managed cycle delivery schedule, which minimises user involvement. CryoService monitor usage and adjust deliveries accordingly
- Specialist dewar delivery service for low volume users with no minimum liquid delivery requirements



1012/02

Other Products and Services Available



- Personal Protective Equipment (PPE) – Glasses, Gloves, Aprons, Face Shields
- Health and Safety – CryoService can offer a range of services from advice on best practice in the design and storage of equipment using liquid nitrogen to full safety audits and a range of safety training courses (either classroom or internet based, dependent upon the users requirement)
- Free site audits to ensure customer sites have optimised delivery frequencies and appropriate on-site storage capacity in comparison to industry standards.

Overall

CryoService has a product offering for each laboratory type, from a single ICP-OE operating a few hours per day up to multi-departmental organisations carrying out both organic and inorganic analysis. With its experience and knowledge of laboratories we are able to provide cost-effective solutions to the traditional problems associated with laboratory gas supply.