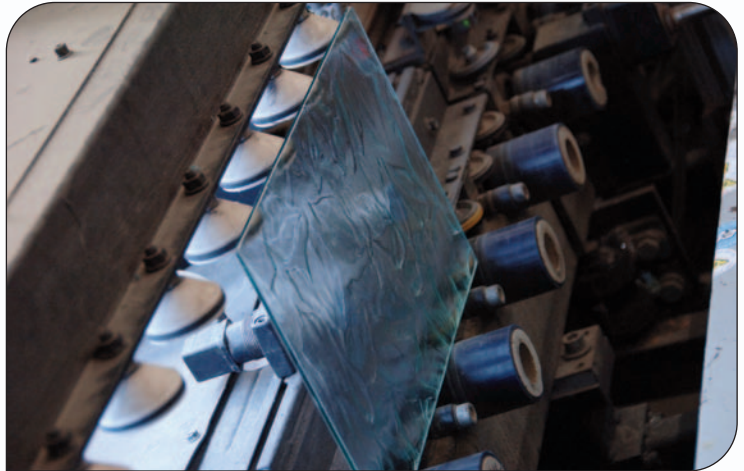


SCIENCE AND INDUSTRY

DOUBLE GLAZING APPLICATIONS

CryoService has many years experience with supplying inert gases for Insulated Glass Unit (IGU) applications, having been the first UK gas supplier to provide Liquid Argon systems to assist with the reducing in U values for compliance with Document L requirements.

We understand the demands of the double glazing sector and the problems associated with traditional cylinder supply solutions and with this in mind CryoService have a suite of products and services tailored to the IGU sector.



GASES

Liquid Argon



Argon is the principal gas used to reduce heat transmission values in IGU's and is used in both gaseous and liquid form in commercial gas filling equipment. CryoService's innovative Liquid Argon systems offer the following benefits over traditional cylinder or cylinder pack suppliers.

- No ordering – Our Managed Gas concept uses advanced software to schedule your deliveries automatically, eliminating ordering and reducing administration time.
- No cylinder handling – Manual handling and change over of cylinders is eliminated, giving major Health and Safety benefits and also saving production time.
- Lower operating pressures – CryoService Liquid Argon systems are optimised for IGU use and eliminate the risks associated with using high pressure gas cylinders.
- No cylinder storage – You will no longer have to store spare full or empty cylinders on site, releasing valuable workspace.
- Economical – In addition to all the benefits above, if you use more than 3 cylinders of Argon a month you may save money by moving to a CryoService Liquid Argon system.

Other Rare Gases

CryoService have a complementary range of rare gases used for other heat or sound transmission applications, including Krypton, Xenon and Sulphur Hexafluoride (SF₆). These can be provided as pure products or blended to your specification with Argon.

Such rare gases can be supplied in CryoService's lightweight and portable aluminium cylinders, reducing the manual handling issues associated with heavy steel cylinders and offering more economical package sizes for users.

Installation, Training and Support

CryoService provide a comprehensive installation service for ultra high purity gas applications, supported by our CryoSafe scheme that ensures that you comply with the requirements of the Pressure System Safety Regulations 2000.

In addition, a wide range of safety equipment and instructor-led or on-line safety training courses are available to help support your staff and keep them safe.

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