

CryoService has many years experience with supplying high pressure gases such as Nitrogen, Oxygen and Argon for laser assist applications, being the first gas supplier to successfully resolve the technical issues surrounding the economic supply and replenishment of high pressure bulk cryogenic gases to this sector.

We understand the requirements of a busy laser material processing workshop and the shortcomings of traditional cylinder and cylinder pack supply. That's why our high pressure laser assist gas offering has been specifically designed to save you time, money and effort.



High Pressure Gases

Cylinders and cylinder packs are just not convenient for laser assist application. You are constantly changing empty cylinders and packs, interrupting your work and taking your staff away from valuable production activities. All the extra full and empty cylinders and packs take up space, limiting the amount of raw material or completed product that you can keep on site.

CryoService provide the solution through a range of Microbulk and Small Bulk high pressure cryogenic vessels, delivered to by our innovative Super Orca fleet of tankers. This offering is optimised for high pressure laser assist applications, providing the following benefits over traditional cylinder and pack supply.

- 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 and packs is eliminated, giving major Health and Safety benefits and also saving production time.
- Lower product losses – CryoService's high pressure delivery fleet means minimal venting during refill, reducing gas losses and downtime to an absolute minimum.
- No cylinder storage – You will no longer have to store spare full or empty cylinder and packs on site, releasing valuable workspace and potentially increasing your capacity.
- Economical – In addition to all the benefits above, CryoService offer the benefits and economy of bulk supply to smaller users.

Installation, training and support

CryoService provide a comprehensive installation service for high purity, high pressure 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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