



- *Guaranteed purity for high-quality analytical results*
- *The easy alternative to cylinder gases*

CryoEase[®] service

Analytical quality on a larger scale





Unique benefits for analytical applications

A busy lab can get through a lot of analytical gases. Cylinders, cylinder packs and exchangeable dewars are the traditional way to buy your gases, but if you use more than ten large cylinders a month of argon, nitrogen or oxygen, we'd like to suggest an alternative.

The new CryoEase® service from Air Products matches the purity and reliability of cylinders or dewars, but in a more convenient format. A cryogenic tank on your site provides a reliable source of high-purity gas and storing, ordering and changing cylinders become things of the past.

With CryoEase® analytical gas solutions, we'll install a small cryogenic liquid tank and ensure that it's always topped up to meet your needs. We'll also make sure that your gas meets your purity requirements - because we know that without high-purity gases, your instruments can't function. Our aim is to bring you the quality you know and appreciate - just in larger amounts.

With tank container sizes of 25-2,000 litres, the CryoEase® system will keep your lab running at full capacity. There's no loss of time for changing cylinders, and no need to place gas orders, since Air Products looks after all that automatically. Deliveries are less frequent than with cylinders, and since you won't even need to supervise them, they can take place out of lab hours.

Doing away with cylinders means more space and improved safety. CryoEase® tanks are compact and don't need to be moved, so you can find a better use for your cylinder storage area. Our delivery vehicles are small too, so tight delivery spaces are no problem.

Air Products' CryoEase® service is the modern way to buy analytical-grade oxygen, argon and nitrogen. It's easy to install, with tank sizes to suit your needs, and it's easy to use, because Air Products does all the hard work.

"For over 40 years, Air Products' specialty gas business has been driven by a single, critical objective: to help you achieve consistently reliable performance in both analytical and process applications.

You've invested substantially in your laboratory. Whether it's for R&D, quality control or emission testing, we understand that reproducibility and reliability of analysis results are your prime concerns.

That's why we're dedicated to offering you a range of gases and services designed to give you guaranteed levels of purity."



Guaranteed gas purity

The CryoEase® service provides all the high purity gas you have come to expect from Air Products analytical products. The use of a closed cryogenic system that is topped up with liquefied gas means less opportunity for contamination.

Quick and easy installation

Your CryoEase® cryogenic storage tank is a compact unit with a capacity tailored to suit your needs. It normally requires no special foundations, and can be placed inside or outside your building. If you don't have a gas distribution system already, it's a simple matter for us to install one.

Less hassle, improved safety

Not having to change cylinders means big savings in time, and improved safety too. With CryoEase® gases, manual handling of cylinders becomes a thing of the past.

Ideal for limited space

The CryoEase® system is ideal for laboratories where space is at a premium. Cryogenic liquid storage takes up less room than cylinders - and that's without considering the extra space needed to move cylinders and store the empties. And because Air Products uses a purpose-designed fleet of small CryoEase® delivery vehicles, access for filling isn't a problem.

No need to re-order

A CryoEase® contract means not having to worry about gas orders. We'll take care that you never run out. Topping up the tank takes less than five minutes, and we can even do it outside your normal working hours.

Applications

- Nuclear Magnetic Resonance (NMR)
- XRF spectrometers
- ICP-OES spectrometers
- ICP-MS spectrometers
- Electron microscopes
- Gas chromatographs
- GC-MS
- CO₂ incubators
- Atomic Absorption spectrometers - Graphite Furnace
- Purging and blanketing

tell me more
www.airproducts.com/cryoease



A unique portfolio of gas products, services and solutions

If you're looking for maximum throughput from your lab, we're convinced that the high purity, continuous supply, simple administration and lower costs of CryoEase® solutions are just what you need for your analytical gases.

But don't forget that Air Products also offers a huge selection of pure cylinder gases and gas mixtures for calibration and other laboratory applications. Specifications to suit even the most demanding analytical requirements, ease of ordering, and guaranteed quality thanks to our state-of-the art filling techniques, cylinder coatings and BIP® built-in cylinder purification system are the hallmarks of what we offer.

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