

NITROGEN & OXYGEN GENERATORS

On-site Industrial Gases

Is it time to consider on-site nitrogen generation for your business?

In industries such as chemical manufacturing, electronics, fire suppression, laser cutting, or food and beverage, a dependable supply of industrial gas is crucial. When compared to the on-demand delivery of gas bottles or tanks, on-site production of gas offers many advantages ranging from cost savings to continuous availability.

Only Pay for the Purity Level You Need

Tanked nitrogen is 99.99% pure, which is great—when it's needed. Gas companies typically produce a single variety of nitrogen at an ultra-high purity level. The tank needed to produce nitrogen at a 99.99% purity level is roughly 10x larger and \$10,000 more expensive than the tank needed to produce nitrogen at a 95% purity level. For approximately 75% of consumers who buy tanked nitrogen, a 99.99% level of purity isn't required for their applications.

The bottom line is: If your application's oxygen tolerance is high, then you don't need to be paying a premium for nitrogen that is nearly 100% pure, when a lower purity level would meet your needs and save you money. With on-site nitrogen generation, consumers can get nitrogen at the exact purity level needed, often at a significant cost savings.



Nitrogen & Oxygen Generator Products

There are two main types of on-site nitrogen generators: Membrane and PSA (Pressure Swing Adsorption).

NGM / NGM+ / NGMs

NGM(+)/NGMs membrane nitrogen generators utilize proprietary technology to separate compressed air into two streams: one is 95-99.9% pure nitrogen, and the other is oxygen enriched with carbon dioxide and other gases.

NGP / NGP+ / OGP

NGP(+)/NGP+ nitrogen generators and OGP oxygen generators provide a continuous flow of nitrogen and oxygen at desired purity based on Pressure Swing Adsorption (PSA) technology.

All-in-one High Pressure Nitrogen Skid

A complete package that combines a small footprint, easy installation, high reliability, and supreme energy efficiency. A true alternative for liquid nitrogen or bottles.

Adams-ISC, LLC.

2090 Deadwood Ave.
Rapid City, SD 57702
605-342-3275



Authorized
distributor

