

nitrogen generation for aerospace



"When we needed a second nitrogen generator system, we went back to nano because of the great product & customer support."

-aerospace parts manufacturer

Nitrogen is used in many commercial and industrial applications to improve the quality of a product or process or as a safety measure to prevent combustion. Liquid or bottled nitrogen delivery and storage can be expensive, unreliable and a safety concern. Nitrogen generators allow users to produce nitrogen in-house simply and inexpensively using an existing compressed air system.

As a Northeast manufacturer to the aerospace industry, the company produces high-specification parts from composites like carbon fiber and cures the products in an autoclave. To ensure product strength and durability, the company flushes the autoclave with high-purity nitrogen prior to pulling a vacuum. To meet the demand in a short period of time, the customer required the nitrogen be boosted and stored to a high pressure so that the nitrogen was available in bulk and on-demand.



products & processes include:

general manufacturing

food & beverage

lasers

chemical

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charlotte, north carolina
united states

nano-purification solutions
st. catharines, ontario
canada

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The manufacturer came to nano distributor MidState Compressor for a solution. Due to their good relationship with our nano distributor, the company decided to purchase a GEN2-3110-AMT nitrogen gas generator along with (2) NXC cycling refrigerated air dryers, Sepura oil/water separator and filtration for their nitrogen and pre-treatment requirements.

Once the system was delivered, our nano technical support team arrived at the facility to commission the unit.