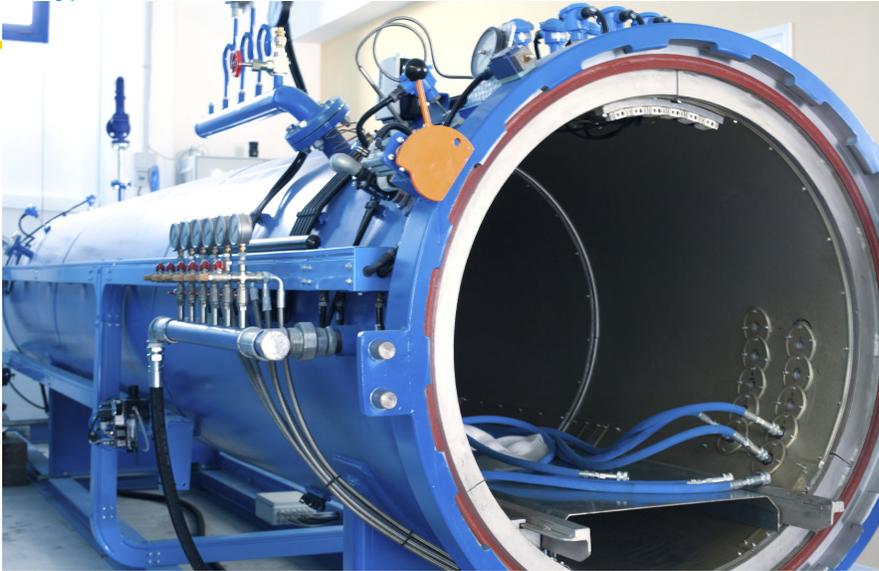


Autoclave Inerting



Providing solutions to improve efficiency, lower cost and more



Customer benefits

- High gas flow rates to meet fill time requirements
- System sizing to optimize cycle schedules
- Reliable, safe and efficient operating systems
- Reduced operating costs

At Air Products, we take into account everything, from the size and pressure of the autoclave, to the number of cycles required, to provide a properly sized, reliable, and safe industrial gas supply system. Ultimately this can improve your product quality and lower the costs of your autoclave operation.

Expertise beyond gas production and delivery

Air Products expertise goes far beyond gas production and delivery. As a leading global supplier of industrial gases to the composites industry, we have developed a range of services, systems and solutions designed specifically to provide our customers with highly reliable, safe and cost efficient gases.

With over 75 years of technical experience, we have a unique insight on current and future industry needs and the challenges you may face. Our team of application engineers and research/design specialists will apply that knowledge, working closely with you to develop and implement comprehensive, cost-effective solutions to optimize your N₂ supply system. At the same time keeping in mind the need for a reliable and safe working environment.





Safety at our site and yours

At Air Products, nothing is more important than safety. We are dedicated to improving not only our own safety performance, but our customers' too. Part of that is sharing our knowledge to help you maintain safe operations related to the use of our gases in your facility.

Process audits

Getting your system up and running is just the beginning. We can conduct regular process audits to assure your production process is operating efficiently. Our comprehensive audits cover key areas in your process including:

- Understanding the key parameters of the autoclaves cycle – fill rate, pressure, temperature, duration, etc.
- Confirmation of proper sizing of the overall gas supply system to meet the total monthly gas volume, maximum flow rate, number of cycles and cure time required to optimize the production schedule and minimize downtime.

Flexible industrial gas and atmosphere supply options

- Liquid and bulk industrial gas supply (nitrogen, hydrogen, argon, helium and oxygen)
- High-pressure gas supply systems sized and optimized to customer's needs
- On-site gas generation with back-up liquid systems.
- CryoEase® Microbulk gas supply for smaller users (nitrogen, argon, and oxygen)

The right Autoclave System for your needs

We recognize each customer's autoclave requirements are different. Thus, Air Products will work hand-in-hand with each customer to help design a customized high-flow rate, high-volume N₂ supply system. You can feel confident that with optimally sized liquid nitrogen storage tanks, vaporizers, and piping; or on-site generation systems with gas storage vessels equipped to handle peak flow rates, your system will provide high quality gas with excellent safety and reliability.

For more information,
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