Medical gases offerings portfolio
Reliable and consistent

Medical gases

Medical gases are critical elements of patient care. Air Products has provided medical oxygen and nitrogen to hospitals since 1947. Today, we continue to serve hospitals, plus surgical centers, extended care facilities, wound care centers and research laboratories.

Talk to us about your medical gas requirements. We offer liquid bulk and CryoEase® microbulk delivery and on-site storage. Microbulk gas supply is particularly amenable to surgical hospitals and centers and is an alternative to traditional cylinder supply for smaller volume users. It may offer a less expensive solution even if you use as few as 10 cylinders a month of the same gas.

Reliability and supply

Air Products has sustained a reliability rate of 99.99+% to hospital customers in North America every year. Air Products is committed to never allow oxygen to run out or to become dangerously depleted at any hospital, nursing home or extended care facility.

As an Air Products medical gases customer, you are part of our sophisticated, state-of-the-art TELALERT® telemetry network that continually monitors oxygen levels at your facility and provides inventory alert notification to our Logistics and Equipment Support teams staffed around the clock. Our Customer Service Center is available 24/7 to help you with your gas and equipment service needs.

Medical gases applications
- Analytical instrumentation
- Cryopreservation and storage
- Cryotherapy
- Hyperbaric oxygen therapy
- Medicinal gas pipeline system
- MRI magnet cooling and filling
- Respiratory
- Surgical tools
Compliance to regulatory standards

We know that medical grade gases for healthcare, biotech, and life science applications are not an industrial commodity, nor a utility. Lack of compliance with manufacturing, distribution, storage, and usage requirements could put your facility at risk. We manufacture our medical gases to meet all regulatory standards for production and transport:

- Our purity specifications comply with U.S. Pharmacopeia (USP), National Formulary (NF), and European Pharmacopeia (EP).
- All of our manufacturing sites are fully-validated and operated under current Good Manufacturing Practice (cGMP) guidelines (GMP in Canada). Our manufacturing process is ISO 9001:2008 certified.
- Our compliance process covers production and storage, trailer loading, distribution, and customer tanks and vaporizers.
- Tankers are certified to medical grade service, so we can respond quickly without concern for cross contamination.

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<th>Specifications for Air Products’ NF and USP grade gases</th>
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<tr>
<td><strong>NF Nitrogen</strong></td>
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<tr>
<td>Total purity</td>
</tr>
<tr>
<td>Oxygen</td>
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<tr>
<td>Carbon monoxide</td>
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<tr>
<td>Carbon dioxide</td>
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<tr>
<td>Water</td>
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<td>Odor</td>
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*Carbon monoxide and carbon dioxide exempt due to production by air liquefaction.

Turnkey solutions and engineering services

Air Products offers turnkey installation of medical gas systems at your healthcare facility. We will engineer, manage, and install your medical microbulk or liquid bulk tank system from installing the concrete pad to point-of-use piping. Our installations meet NFPA 99 certifications and all other necessary requirements.

Staying competitive often involves investing in new or better products, more efficient and safer work processes, or improved environmental compliance. Our engineering support system can evaluate your medical system and help you identify low-cost solutions to optimize your facility.

Focused on safety

Air Products is focused on outstanding safety performance, part of our total solutions approach to doing business. Complementing our commitment to safety and our 24/7 efforts to educate customers about best safety practices is our equally important focus on quality and sustainability.

With Air Products as your medical gas supplier, you can count on getting a reliable and consistent supply of the high-purity medical oxygen, nitrogen, and other gases your facility needs so you can focus on patient care.

For more information about our medical gases, services and equipment, please contact us at:

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