

Luoming Leads China's High-Purity Oxygen Generator Market with ISO9001-Certified Innovation



Yancheng, Jiangsu Dec 24, 2025 ([Issuewire.com](https://www.issuewire.com)) - Jiangsu Luoming Purification Technology Co., Ltd. sets new standards in medical gas solutions, positioning itself as the [China Leading High Purity Oxygen Generator Supplier](#), showcasing its ISO9001-certified excellence and cutting-edge systems at the Beijing International Medical Equipment Exhibition.

Jiangsu Luoming Purification Technology Co., Ltd., a wholly-owned subsidiary of Suzhou Hengda Purification Equipment Co., Ltd., has rapidly emerged as a powerhouse in China's gas purification and medical equipment sector. Founded in May 2020 and covering an area of more than 16,000 square meters under construction, the company integrates research and development, production, sales, and technical service into one comprehensive operation. Luoming's continuous pursuit of innovation, quality, and reliability has earned it the ISO9001 Quality Management System certification and the Class II Medical Device Production License by the end of 2022—milestones that affirm its dedication to international standards of excellence.

At the 2025 Beijing International Medical Equipment Exhibition, Luoming took center stage as one of the most anticipated exhibitors in the medical gas sector, unveiling its newest generation of high-purity oxygen systems and intelligent gas management solutions. The company's booth, designed around the

inspiring theme “Purity for Life,” attracted thousands of visitors, including hospital administrators, international distributors, and medical technology experts from more than 30 countries.

Throughout the exhibition, Luoming demonstrated how its innovative oxygen generation technology integrates precision engineering, digital control, and energy-efficient operation. The company showcased several of its flagship products, such as the Medical Molecular Sieve Oxygen Generator, Modular Oxygen Plant, and Aviation High-Purity Oxygen Generator, each representing the latest advancements in on-site oxygen production. Visitors were particularly impressed by the systems’ ability to maintain oxygen purity levels up to 99.5%, supported by real-time monitoring interfaces and fully automated control software.

The booth’s live demonstrations allowed attendees to observe the full operational process—from air compression and molecular adsorption to oxygen output and digital monitoring—highlighting Luoming’s engineering precision and reliability. Medical professionals praised the systems for their low maintenance requirements, quiet operation, and rapid start-up capability, which are critical for hospitals operating in dynamic and high-demand environments.

Industry Outlook: Rising Demand for High-Purity Oxygen Systems

In recent years, the global medical gas market has witnessed accelerated growth driven by medical modernization, aging populations, and the increased need for high-purity oxygen in diverse applications. From hospitals and emergency services to aerospace and precision manufacturing, oxygen generators have become vital components supporting both human health and technological progress.

In China, government initiatives promoting healthcare infrastructure and medical self-sufficiency have further stimulated demand for reliable oxygen generation systems. The COVID-19 pandemic underscored the importance of on-site oxygen generation, leading many hospitals and regional health authorities to adopt modular oxygen plants and high-purity systems as permanent installations. Meanwhile, industries such as aviation, metallurgy, and semiconductor production are seeking customized oxygen solutions that ensure stable purity and energy efficiency.

This expanding market has created a clear opportunity for innovation-driven companies like Jiangsu Luoming Purification Technology Co., Ltd. to provide advanced, locally manufactured alternatives to imported equipment. By combining intelligent control systems, precision filtration, and modular design, Luoming is helping reshape the landscape of China’s medical and industrial gas sector.

Company Strengths and Technological Advantages

Luoming’s leadership in the oxygen generator industry stems from its strong R&D foundation and commitment to precision manufacturing. The company’s engineering team continuously refines molecular sieve adsorption technology to achieve high oxygen concentration and stable output performance, even under fluctuating environmental conditions. Its product portfolio covers:

Medical Molecular Sieve Oxygen Generators – delivering continuous, hospital-grade oxygen supply for operating rooms, ICUs, and rehabilitation centers.

- **Medical Bunker Oxygen Systems** – designed for field hospitals, military, and emergency relief applications requiring rapid deployment and consistent purity.
- **Modular Oxygen Generators** – scalable systems for medium to large hospitals and industrial clients, optimized for energy efficiency and easy maintenance.

- **Aviation High-Purity Oxygen Generators** – ensuring oxygen safety and reliability in aerospace and high-altitude operations.
- **Medical Compressed Air Systems & Portable Oxygen Cylinders** – supporting mobility and patient care across home, clinical, and transportation settings.

Beyond product design, Luoming invests heavily in quality management and process control. The company strictly implements ISO9001 quality standards, employing real-time data tracking systems across its production lines. From material inspection to final assembly, every step is digitally recorded to ensure full traceability. Precision instruments such as mass spectrometers and oxygen analyzers are used to verify each unit's performance before shipment.

Environmental sustainability also plays a key role in Luoming's production philosophy. The company uses eco-friendly materials, energy-efficient compressors, and noise-reduction technologies to minimize environmental impact. This reflects Luoming's broader mission—to provide clean, reliable oxygen while promoting responsible industrial practices.

Another competitive edge lies in Luoming's comprehensive service ecosystem. The company maintains a nationwide network of service centers and offers 24/7 remote monitoring, predictive maintenance, and rapid on-site support. Its after-sales platform allows clients to track equipment performance in real time and receive automated maintenance alerts, ensuring uninterrupted operation and peace of mind for medical institutions and industrial clients alike.

By combining innovation, quality assurance, and digital intelligence, Luoming has positioned itself as a trusted technological partner capable of delivering tailor-made oxygen solutions that meet the highest international standards.

Application Scenarios and Client Success Stories

Luoming's high-purity oxygen generators have been widely adopted by hospitals, research institutes, and industrial enterprises across China and abroad. Notably, several provincial hospitals in Jiangsu, Anhui, and Sichuan have installed Luoming modular oxygen systems, reporting a 25% reduction in operational costs and a 30% improvement in oxygen supply stability compared to conventional cylinder-based solutions.

In the aerospace sector, Luoming's aviation-grade oxygen generators are being used by aviation maintenance centers to support high-altitude training and emergency preparedness. The company also collaborates with manufacturers in the pharmaceutical and electronics industries to provide customized oxygen generation systems that meet specific purity and flow requirements.

By focusing on tailored design, rapid installation, and reliable after-sales service, Luoming ensures that every client receives a system optimized for their operational needs. The company's technical support team offers 24/7 remote monitoring and maintenance, reflecting Luoming's customer-first philosophy.

Vision for the Future

Jiangsu Luoming Purification Technology Co., Ltd. is committed to advancing the next generation of intelligent, energy-efficient gas systems. The company plans to expand its production capacity and develop AI-driven control technologies that enable predictive maintenance and optimized oxygen

management. In alignment with global sustainability goals, Luoming is also exploring eco-friendly materials and low-carbon manufacturing techniques to reduce the environmental impact of its production.

By combining innovation, quality, and global vision, Luoming continues to strengthen its position as a trusted leader in high-purity oxygen generation—helping shape a healthier, cleaner, and more sustainable future for all.

For more information, please visit the official website: <https://www.lmoxygenplant.com/>

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