

Meet KSTK

*Manufacturing, But **Green***

About KSTK



Zhejiang KSTK Manufacturing Technology Co., Ltd. is a global leader in gas purification and separation equipment. With over 20 years of industry experience, we collaborate closely with our sister companies within the group to deliver efficient, reliable, and comprehensive one-stop gas solutions to clients worldwide. Our product portfolio covers air compression, purification, separation, and gas generation systems, serving a wide range of industries including medical, chemical, electronics, and food processing. Green is the core color of the KSTK brand, symbolizing our commitment to energy efficiency and environmental responsibility. Through continuous innovation in equipment design and production process optimization, our technical team has significantly reduced energy consumption. Our systems operate with 5%–15% lower air consumption ratios than the industry average—effectively cutting operational costs and driving sustainable growth across multiple sectors.

Choose KSTK — your trusted one-stop gas solution provider

Manufacturing, But **Green**

*--- Make **Green** the Standard Color of Manufacturing*



North America

United States, Canada

South America

Argentina, Brazil, Chile, Peru,
Mexico, and other countries

Africa

Ethiopia, Kenya, Congo,
Nigeria, South Africa, and
other countries

Europe

Denmark, Germany, Poland,
Turkey, and other countries

Asia

India, Israel, Singapore,
Thailand, and other countries

Oceania

Australia, New Zealand,
Kiribati, and other countries



Achievements

KSTX

20+

21 years of expertise in gas separation

50+

Products sold to **56** countries worldwide

11,000+

Providing solutions to **11,000+** clients

80+ Million

80+ million Nm³ annual gas production

Air Separation Units

PSA Nitrogen/Oxygen Generator

VPSA Oxygen Generator

Medical Oxygen Generator

Nano-tech Aquaculture Oxygen Supply System

Modular Nitrogen/Oxygen Generator

Containerized Nitrogen/Oxygen Station

Gas Pressurization Units

Nitrogen Booster

Oxygen Booster

Oxygen Cylinder Filling System

Air Compressors

Screw Air Compressor

Centrifugal Air Compressor

Piston Air Compressor

Air Purification Units

Refrigerated Air Dryer

Adsorption Air Dryer

Precision Filtration System

Containerized Air Station

Gas Purifiers

Nitrogen Purifier

Oxygen Purifier

01

02

03

04

05

Oxygen Series

KSTX



Oxygen Generator

Purity: $93 \pm 2\%$ **Flowrate:** 1 ~ 600Nm³/hr

We offer various designs, including multi-tower, quad-tower, combined, and modular designs, to provide optimal gas supply solutions to our clients



Oxygen Purifier

Purity: 99 ~ 99.5%

High-purity oxygen production to meet the highest standard purity requirements for our customers



Oxygen Booster

Capable of increasing oxygen pressure from 1 ~ 5 bar to 200 bar, meeting the varying pressure requirements for different scenarios and specialized applications



Containerized Oxygen Station

The containerized integrated solution combines all equipment in a standard container, supports truck transport, and requires only a power connection for efficient and stable operation on-site

Nitrogen Series

KSTX



Nitrogen Generator

Purity: 90 ~ 99.999% **Flowrate:** 1 ~ 3000Nm³/hr

We offer various designs, including multi-tower, quad-tower, combined, and modular designs, to provide optimal gas supply solutions to our clients



Nitrogen Purifier

Purity: 99.999 ~ 99.9999%

High-purity nitrogen production to meet the highest standard purity requirements for our customers



Nitrogen Booster

Capable of increasing nitrogen pressure from 6 ~ 8 bar to 200 bar, meeting the varying pressure requirements for different scenarios and specialized applications



Containerized Nitrogen Station

The containerized integrated solution combines all equipment in a standard container, supports truck transport, and requires only a power connection for efficient and stable operation on-site

Air



Refrigerated Air Dryer

Using advanced refrigeration technology, water vapor is condensed and removed by cooling, ensuring dry air with a low dew point of -20°C



Adsorption Air Dryer

Using exclusive zero-energy adsorption drying technology, it ensures dry air with a -60°C dew point, without consuming electricity or gas



Precision Filtration System

A variety of high-precision filtration systems that effectively remove oil, water, and other impurities from the air



Containerized Air Station

Integrated air purification equipment, delivering high-quality gas sources anytime, anywhere

Versatile Designs



Multi-Tower



Combined



Modular



Containerized

Versatile Designs for Every Need

We offer a range of product designs, including combined, dual-tower, modular, and containerized stations, all tailored to provide the most suitable gas solutions for our clients. Our flexible designs accommodate different installation conditions and usage requirements.

Containerized Solution



Simplicity

A true plug-and-play solution—pre-assembled and tested at the factory. Just connect to power on-site, and it's ready to go. No complex installation needed.

Adaptability

Built for reliable performance in temperatures from -20°C to 40°C. The weatherproof, insulated container ensures stable operation in harsh environments.

Mobility

A compact, all-in-one design within a standardized container, saving indoor space and eliminating the need for a machine room. Easily transportable by truck for flexible deployment.



Intelligence

Featuring a 7-inch touchscreen and intuitive HMI, with remote control, multi-language support, and status display. Supports fully automated 24/7 operation.

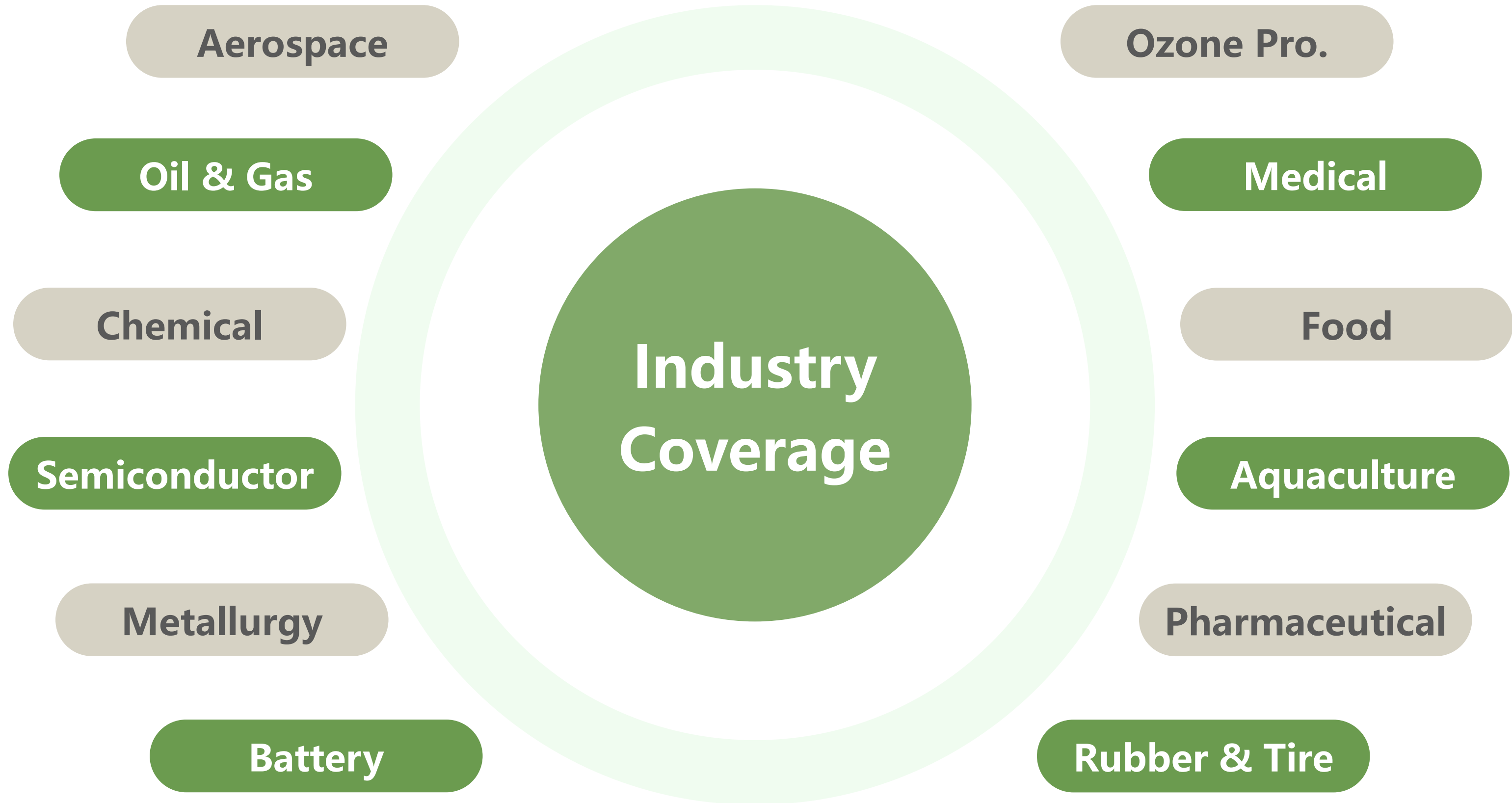
Economical

Containerized on-site gas generation cuts operating costs by removing cylinder rental, transport, and storage fees. It's more efficient than traditional gas supply methods.

Efficiency

Our unique design and custom adsorbents offer 5–15% greater efficiency than competitors. Two energy-saving standby modes optimize operational performance.

Applications



Product Design

Custom-designed solutions tailored to each customer's installation and usage needs.

Brand Labeling

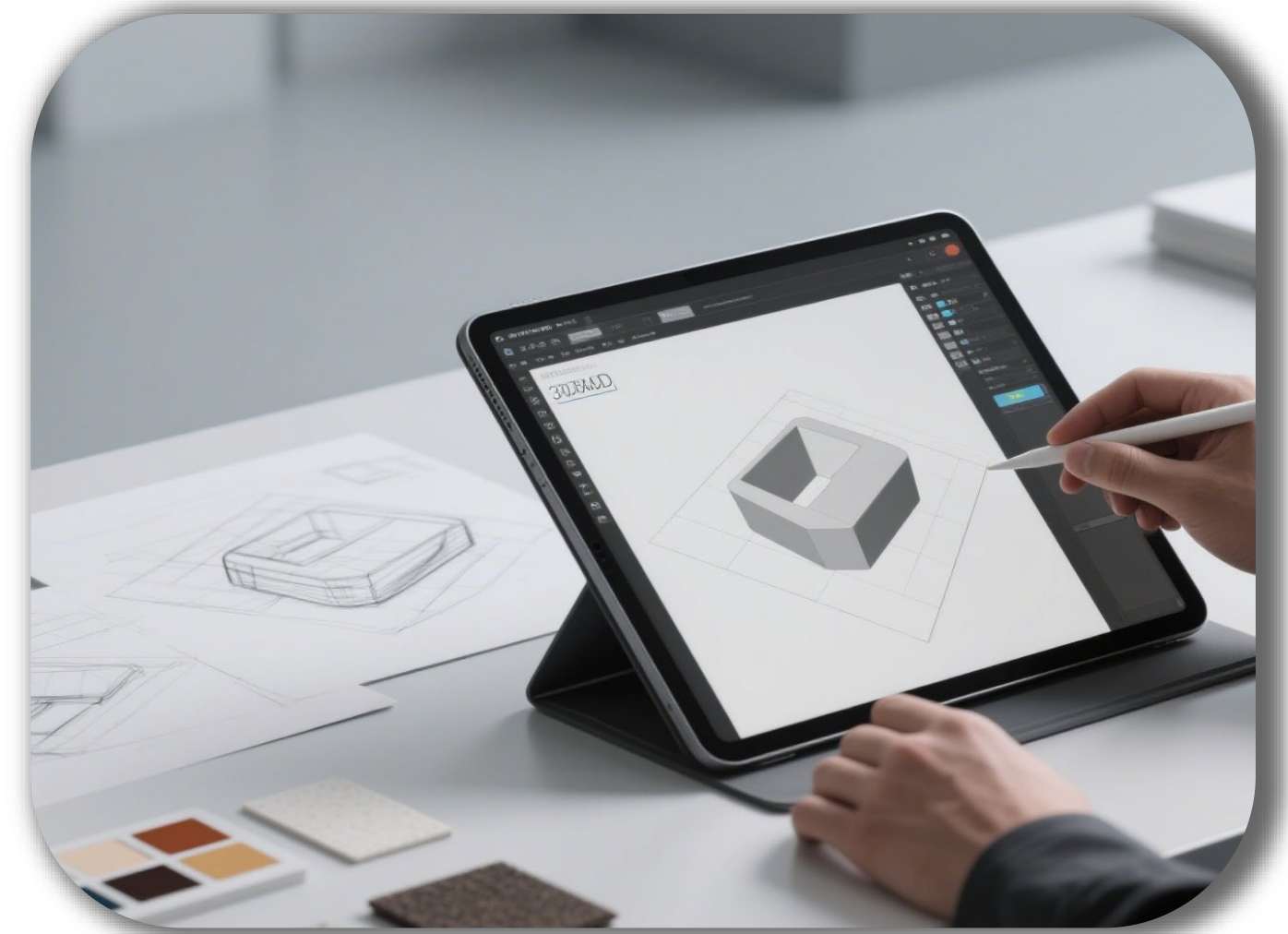
All components are customized with the client's logo and branding.

Quality Control

All equipment is 100% tested and pre-commissioned before delivery—ready for immediate use upon arrival.

Technical Support

Our technical team provides full support, offering timely assistance and comprehensive after-sales service.



Expert Team

Our engineers bring over 10 years of experience in gas equipment design and development.

Global Team

With service teams across Asia and North America, we deliver prompt and efficient support wherever you are.

Rapid Response

Full troubleshooting within 12 hours and on-site support within 48 hours—ensuring fast, accurate service.



Full-Service Support

From on-site installation and commissioning to ongoing maintenance, our after-sales team ensures comprehensive service.

Multilingual Support

Our English-speaking team communicates seamlessly with international clients to accurately understand and meet your needs.

Training Services

We offer both online training and on-site practical sessions to efficiently help clients master product operation.

Air Separation Workshop

01



Air Purification Workshop

02



Components Workshop

03



Patent Certificates

Holds over 30 national patents, including inventions, designs, and utility models.

ISO Certificates

Holds ISO 9001, 45001, 14001, 13485 Management System Certificates.

International Certificates

Certified with CE and other international standards to ensure global compliance and product quality.

Pressure Vessel Certificates

Certified by ASME, CRN, and other international pressure vessel standards.





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