

## Expanding Horizons: Shanghai RAAS Joins the Haier Ecosystem!

On June 18, at the Haier Group's Healthcare Industry Ecosystem Integration Conference, with the theme "Shaping Tomorrow, Advancing Health," took place in Shanghai. We are delighted to welcome Shanghai RAAS as a new addition to the Haier ecosystem and embark on exploring the boundless opportunities within the healthcare sector together.

### Greetings to Our Newest Members!

Haier Group successfully finalized its strategic investment in Shanghai RAAS Blood Products Co., Ltd. on June 18, marking a significant milestone in Haier Group's journey within the healthcare industry. With this investment, Shanghai RAAS officially becomes an integral part of Haier Group's healthcare ecosystem under the brand Incair.



Established in 1988 and publicly listed on the Shenzhen Stock Exchange since 2008, Shanghai RAAS stands as a prominent blood products provider in China. It is renowned for its ability to extract six components from plasma and is a leading producer of blood coagulation factor products in the domestic market.

As previously communicated, through Haiyangkang (Qingdao) Medical Technology Co., Ltd., Haier Group completed the acquisition of a 20% stake in Shanghai RAAS from global healthcare company Grifols for RMB 12.5 billion. Following this transaction, Haiyangkang will hold a total voting rights share of 26.58%, making Haier Group the actual controlling entity post-reorganization of Shanghai RAAS's board.

### A Unified Ecosystem for Collective Progress

Remaining steadfastly anchored in real-world industries, Haier Group has delineated three core sectors: smart home solutions, healthcare innovation, and industrial internet advancements. Within healthcare endeavours lies Incair – our dedicated ecosystem brand designed for fostering collaborative growth.

Operating within an interconnected ecosystem ethos enables us to pool resources with partners like Shanghai RAAS across user engagement strategies, management methodologies, global networking systems, industrial digitalization practices, and branding initiatives. This partnership aims to bolster Shanghai RAAS's dual strategy focusing on plasma resource expansion and non-plasma avenues while upholding standards of safety, quality assurance, and operational efficiency.

Chairman and CEO of Haier Group Zhou Junjie expressed: "During our four-decade journey at Haier, we have consistently aligned with global trends and user needs by propelling high-quality advancements through innovation — culminating into a globally recognized enterprise marked by pioneering management principles."

Vice Chairman Tan Lixia added: "Collaboration between Incair entities like Haier Biomedical and now jointly with Shanghai RAAS will revolutionize life sciences research delivery systems globally."

### Preserving Aspirations Through Timeless Commitments

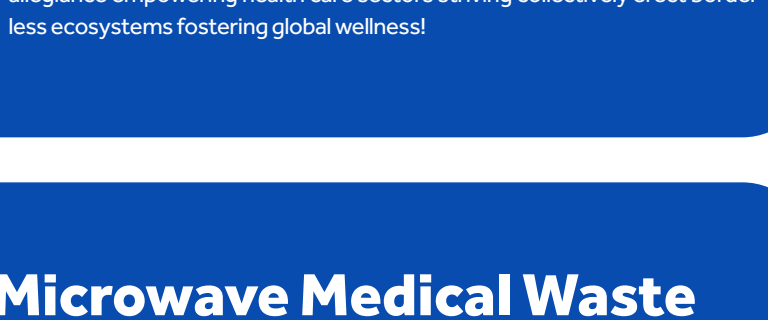
At its core essence lies the people - individuals who are instrumental to any enterprise; culture serves as its soulful voice resonating through time immemorial. Throughout its illustrious history spanning four decades, Haier remains committed to championing individual value maximization principles that resonate across all strata within their growing family – now enriched by an additional workforce comprising 3190 talents from Shanghai RAAS.

During this momentous gathering, three delegates from Shanghai RAAS penned their visions onto parchment sealed within capsules symbolizing their unwavering commitment towards realizing individual potentialities thereby ensuring collective wellbeing transcends barriers into creating universal prosperity.

### Redefining Future Horizons Through Developmental Leaps

Embarking upon this transformational odyssey, Incair and Shanghai RAAS biotech Park held grandiose festivities marking inception. With aspirations set skywards they aim at setting benchmarks within informationized realms indicative technologies transforming production base located at Fengxian District. This expansion not only meets burgeoning demands but lays solid groundworks facilitating emergence novel drugs beyond hematogenous purview.

"I see great prospects ahead as Shanghai RAAS ventures into future seamlessly integrating itself into the Haier family drawing strength strategic foresight unified efforts gaining wisdom harnessing relentless energies supporting hastened strides evolving health care landscapes aiming national well-being!" exclaimed Xu Jun- Chairman & GM amidst jubilant celebrations!



Together under one banner - Incair alongside Shanghai RAAS pledge allegiance empowering health care sectors striving collectively erect borderless ecosystems fostering global wellness!

## Haier Biomedical in Nepal: Microwave Medical Waste Treatment Workstation Enhances Local Health Services

Recently, Haier Biomedical successfully delivered its cutting-edge microwave medical waste treatment workstation to a hospital in Nepal. This groundbreaking technology marks a significant advancement in the local medical waste sector, offering crucial support for environmental risk control and technological innovation. Its integration within Nepal's public safety and health service system is set to enhance overall conditions and contribute to the well-being of the community.



### Microwave Medical Waste Treatment Workstation: Enhancing Local Healthcare Safety Measures

The rising volume of medical waste generated by small to medium-sized healthcare facilities such as hospitals, clinics, and nursing homes underscores the importance of effective waste management solutions. Given the hazardous nature of medical waste – being infectious, bio-viral, and corrosive – improper handling poses serious risks including environmental contamination and disease transmission. In alignment with Nepal's stringent standards for medical waste disposal, Haier Biomedical's microwave treatment workstation offers comprehensive services encompassing waste processing from input to output stages. By assisting hospitals in establishing robust safety protocols, this innovative system safeguards both healthcare workers and patients alike.



Through collaboration with the dedicated local after-sales team, the medical waste treatment workstation has been seamlessly integrated into operations at the hospital facility in Nepal, delivering exceptional performance outcomes. Hospital officials have emphasized that proper disposal of medical waste not only eliminates foul odors but also mitigates potential health hazards associated with disease transmission.

### Comprehensive Medical Waste Management Solutions with Enhanced Functionality

Designed to address diverse categories of medical wastes ranging from infectious to pathological types, Haier Biomedical's microwave treatment workstation provides holistic solutions tailored to meet varying user requirements effectively.

#### 01 Dual Disinfection Capability for Optimal Efficiency and Thoroughness

By employing a combination of microwave disinfection alongside steam sterilization processes without discrimination against microorganisms, this workstation achieves rapid eradication of spores and viruses present in medical wastes upholding an impressive kill rate log6.

#### 02 Professional Equipment Featuring Precision Crushing Capabilities

Equipped with imported high-strength 5500 blades engineered for enhanced wear resistance rotating at high speeds bidirectionally; this equipment ensures precise crushing down to particle sizes as diminutive as 2cm.

#### 03 Safe Filtration System Promoting Environmental Protection

Integrating an advanced filtration mechanism within its design enables processed wastes to be directed towards domestic power generation or landfill without producing wastewater or exhaust emissions thus preventing any likelihood of secondary pollution. Such proactive measures uphold a clean operational environment ensuring utmost safety standards.

#### 04 Intelligent IoT Integration for Seamless Operations

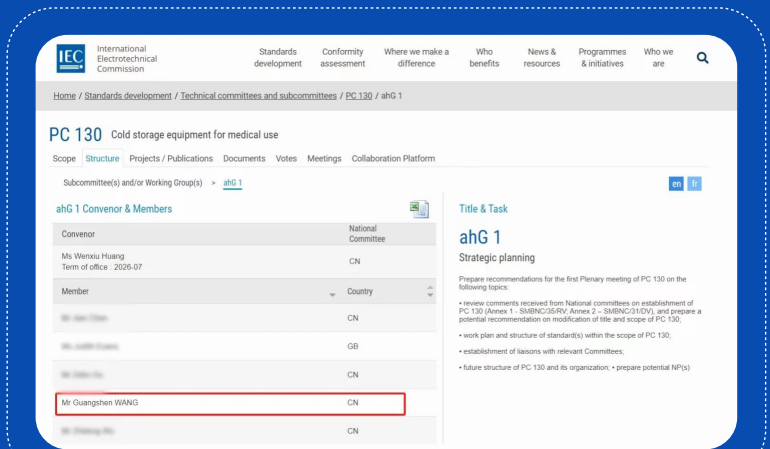
Facilitated by a PLC touch system simplifying operations enabling single-person operability; real-time monitoring recording storage functions are seamlessly executed alongside prompt anomaly alerts enhancing remote accessibility elevating managerial efficiency significantly.

Moreover "GPS+GDS" tracking functionalities ensure precise machine location monitoring bolstering overall management effectiveness.

Public health stands as a cornerstone for human well-being - Haier Biomedical remains committed towards supporting global public health initiatives responding actively through international public health needs we continue providing comprehensive "software + hardware + services" integrated solutions aimed at safeguarding global public health to make life better for all communities served.

## IEC Proposal Led by Haier Biomedical Has Been Approved!

Recently, the IEC international standard proposal "Cold Storage Equipment for Medical Use - Part 2-1: Refrigerating and freezing storage cabinets - Performance requirements and test methods," jointly submitted by Haier Biomedical and CVC Wikal, has been successfully approved.



Previously, leveraging its global resources, Haier Biomedical assisted in establishing the International Electrotechnical Commission's Project Committee on Medical Cold Storage Equipment (IEC/PC 130).

Last November, Guangsheng Wang, Deputy General Manager of Haier Biomedical, participated in the PC130 launch meeting as the only expert from a manufacturing enterprise in China within the ahG1 Strategic Planning Working Group.



At the meeting, Haier Biomedical actively contributed insights to the future work and standard system construction of PC130. Experts from various countries agreed to initiate two international standard projects: terminology classification, and cold storage equipment for medical use, with China proposing the project establishment.

In recent years, medical cold storage equipment has become crucial for ensuring the safe transportation and storage of vaccines, medicines, and other biological samples. However, there has been no specialized technical institution or universal standard for medical cold storage equipment, leading to inconsistency in product standards in international trade.

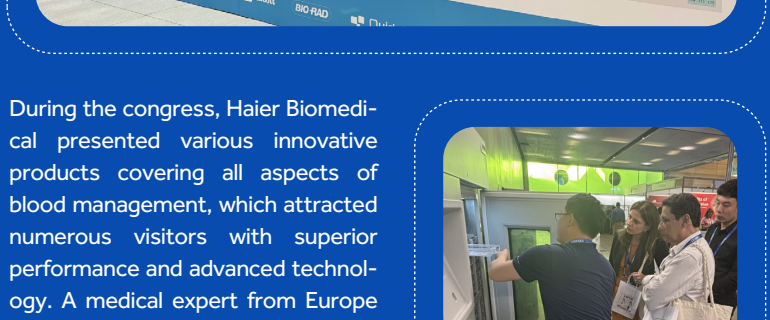
The approved proposal "Cold Storage Equipment for Medical Use - Part 2-1: Refrigerating and Freezing Storage Cabinets - Performance Requirements and Test Methods" specifies technical indicators and corresponding test methods for medical refrigerating and freezing storage cabinets. The technical indicators include temperature setting deviation, temperature uniformity, temperature fluctuation, cooling rate, power failure temperature rise time, and abnormal alarm. The approved proposal provides a unified standard for the design, development, production, and application of these storage cabinets.

The establishment of this international standard will not only provide a basis for quality management in the storage and transportation of medical products, but also become a positive demonstration and safeguard in new technology development. It will support the orderly conduct of global trade while enhancing the international competitiveness of China's medical cold storage industry.

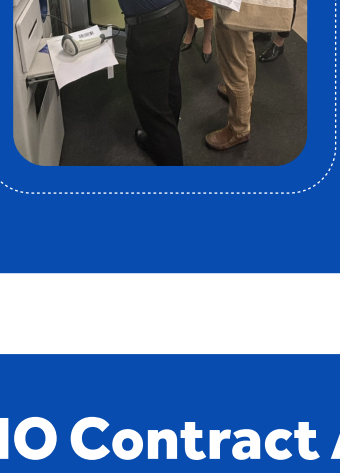
Currently, Haier Biomedical's products and solutions are applied in over 150 countries and regions worldwide. Haier Biomedical will continue to drive technological innovation and the development of international standards, contributing to healthcare, making life better through the intelligent protection of life science.

## HB Exhibits at the 2024 ISBT and China-Eurasia Expo!

On June 27th, the 39th International Society of Blood Transfusion (ISBT) International Congress will be successfully concluded. As a global influential event in this field, this congress attracted transfusion medical professionals from over 100 countries. Haier Biomedical, a global leading provider of digital solutions for life sciences and medical innovation, showcased its latest technologies and solutions in intelligent blood management to the world, further enhancing its brand influence in the global market.



During the congress, Haier Biomedical presented various innovative products covering all aspects of blood management, which attracted numerous visitors with superior performance and advanced technology. A medical expert from Europe expressed, "Haier Biomedical's products are not only advanced in technology, but also meet the market demand for quality products. Haier Biomedical's innovative solutions are important for enhancing our blood management."



### Enhancing Brand Impact through Global Expansion!

In addition, Haier Biomedical also participated in the China-Eurasia Expo held in Urumchi from June 26th to 30th, showcasing its innovative solutions in medical technology. This exhibition provides Haier Biomedical with a platform to demonstrate its technological prowess and innovative capabilities, further strengthening its communication and cooperation with Eurasian countries, and advancing its global expansion strategy.



### Leading the Industry with continuous Innovation!

Haier Biomedical is committed to providing high-quality medical equipment and solutions for global users. Looking ahead, Haier Biomedical will continue to drive innovation through technology and product quality enhancement. Additionally, with active engagement in more international exhibitions and industry interaction, Haier Biomedical will continue contribute to advancing global medical and healthcare efforts.

## HB Leads in WHO Contract Awards for Chinese Suppliers

Recently, the World Health Organization (WHO) released its 2023 contract awards to Chinese suppliers for goods and services. Haier Biomedical topped the list in terms of total contract value among all Chinese suppliers, according to third-party data.

### Recognized by WHO for Comprehensive Strength Continued Global Expansion

The WHO, as a public organization entrusted with donations and dedicated to supporting developing economies, aims to promptly procure and deliver goods and services for its procurement and supply.

Meanwhile, the WHO imposes strict requirements on suppliers' qualifications and product quality.

Suppliers must have sufficient financial resources, the ability to fulfill existing commitments, a good reputation, and industry leading product technology and quality.

Haier Biomedical's leading position among Chinese suppliers in WHO procurement projects highlights the international recognition of its product and service quality. This also demonstrates its comprehensive strength and international competitiveness, accelerating the global expansion of the brand.

### Anchored in Local Innovation Contributing to Global Health

On the road of brand expansion, Haier Biomedical has always been anchored in local markets around the world, catering to diverse user needs.

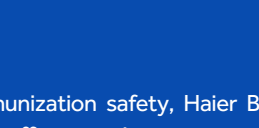
The products and solutions such as vaccine refrigerators, blood refrigerators, ultra-low temperature freezers, and solar power systems procured by WHO, will provide technical support for the stability and sustainability of healthcare systems in many emerging economies and regions.



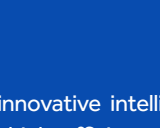
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For immunization safety, Haier Biomedical's innovative intelligent vaccine storage offers precise temperature control, high efficiency, and energy savings, with multi-type zoning to reduce errors in vaccine handling.

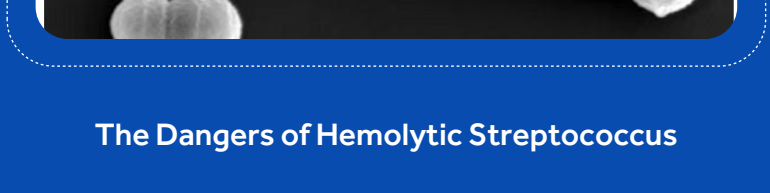
Focusing on blood safety, the solar-direct-drive blood refrigerator helps blood banks store whole blood, medicines, and biological products at 4°C. It is also equipped with an RTMD system to monitor temperature variations in real time, enabling safer and more convenient blood management.

To meet diverse high-quality storage needs for samples, the ultra-low temperature freezer series provides efficient refrigeration, environmental friendliness, and multiple safety control measures, ensuring secure sample storage.

Today, Haier Biomedical has established over 800 distributor networks globally, with its products and solutions serving more than 150 countries and regions, including Nigeria, Ethiopia, and Senegal. In the coming months and years, Haier Biomedical will continue to prioritize human life and health, speed up the advancement of digital and intelligent solutions, drive global health initiatives, and embark on a new era of high-quality globalization.

## Revolutionizing Healthcare with HB Hydrogen Peroxide Sterilizer

Recently, a deadly bacterium known as "flesh-eating bacteria" has been spreading in Japan, drawing global attention. The illness caused by this bacterium, medically referred to as Streptococcal Toxic Shock Syndrome (STSS), is caused by  $\beta$ -hemolytic streptococcal exotoxins and has an extremely high fatality rate of around 30%.



### The Dangers of Hemolytic Streptococcus

Hemolytic streptococcus (Group A Streptococcus, GAS) is a Gram-positive bacterium that can cause a variety of serious infections, including pharyngitis, necrotizing fasciitis, and sepsis.

#### High Fatality Rate:

The fatality rate can be as high as 30%.

#### Rapid Transmission:

It spreads rapidly through droplets and contact, easily causing outbreaks in crowded places like hospitals and schools.

#### Difficulty in Treatment:

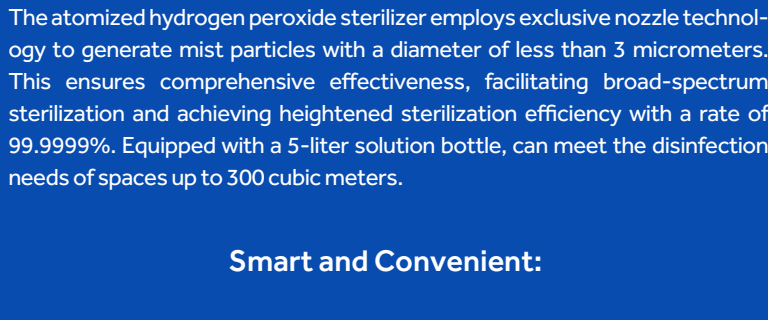
Treatment of hemolytic streptococcus infections requires prompt and potent antibiotic therapy, often accompanied by surgical intervention. However, due to the bacterium's virulence and the rapid infection progression, treatment outcomes are often less than ideal.

### Haier Biomedical's Hydrogen Peroxide Sterilization Solution

In the face of the serious threat posed by hemolytic streptococcus, traditional disinfection methods can no longer fully meet the needs for efficient and thorough disinfection. Haier Biomedical's hydrogen peroxide sterilizer offers an effective solution through advanced technology and innovative design.

### High Efficiency:

The sterilizer integrates a flash evaporation module technology, which atomizes before vaporization. This process yields small particle sizes with enhanced penetration, ensuring thorough disinfection and a high sterilization rate of 99.9999%. The equipment is compact and capable of rapid installation.



### Broad-Spectrum Disinfection:

The atomized hydrogen peroxide sterilizer employs exclusive nozzle technology to generate mist particles with a diameter of less than 3 micrometers. This ensures comprehensive effectiveness, facilitating broad-spectrum sterilization and achieving heightened sterilization efficiency with a rate of 99.9999%. Equipped with a 5-liter solution bottle, can meet the disinfection needs of spaces up to 300 cubic meters.

### Smart and Convenient:

The atomized hydrogen peroxide sterilizer features an intelligent human sensing system, ensuring personnel safety by initiating operations only upon confirmation that there are no personnel in the vicinity. Additionally, it offers various disinfection modes to adapt to different scenarios.

The upgrade of disinfection and sterilization services relies on scientific and technological advancements. Haier Biomedical has been focusing on user experience, innovating in technology, scenarios, and services to optimize and upgrade sterilization solutions, striving to contribute to global public health and safety.

