Haier Biomedical
Intelligent Protection of Life Science

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Newsletter

Haier Biomedical Smart Frequency Conversion ULT Freezers Deployed in Florida

Haier Biomedical, with its user-centric service concept and high-quality products, has recently secured the favor of BCW Florida, providing 12 sets of inverter ultra-low temperature freezers for the company's experimental research. The feedback on the equipment's usage has been positive, earning Haier Biomedical recognition and trust from BCW experts.

"Haier Biomedical's inverter ultra-low temperature freezer perfectly aligns with our needs. It not only delivers excellent performance but is also energy-efficient and environmentally friendly compared to other brands. This is in line with our company's service concept. If needed in the future, we will certainly choose to continue cooperation with Haier Biomedical for future purchases of this inverter ultra-low temperature freezer," BCW Florida experts stated.

Rick Williams, East Coast Sales Director Haier Biomedical - U.S.A.

Haier Biomedical pioneered the development of a new generation of hydrocarbon inverter dual-system ultra-low temperature freezer, which integrates hydrocarbon energy efficiency, green environmental standards, safety, reliability, and intelligent Internet of Things (IoT) capabilities. Haier Biomedical has lead the industry into the era of dual-system refrigeration with a dual-system self-complex stacking refrigeration system that has delivered to the global market the latest in safety, reliability and security for your precious samples with this innovative technology, earning certifications for energy efficiency and environmental protection from China Quality Certification Centre and the US Energy Star.

The University of Sussex previously conducted measurements on Haier Biomedical's inverter ultra-low temperature freezer and found that it has significant advantages. The equipment offers stable temperature control and precise settings at -70°C without affecting sample viability, which is a feature that alone can save up to 50% of energy. This allows Haier Biomedical's ultra-low temperature freezer to save about 12 kWh of energy per day, contributing Haier Biomedical's prowess to the sustainable development of global resources.

Haier Biomedical Salvum Ultimate BPT Frequency Conversion ULT Freezers, featuring the world's original hydrocarbon dual system + frequency conversion technology that provide enhanced reliability and peace of mind. These freezers offer all-round protection for sample storage, meeting the diverse needs of scenarios such as blood stations, hospitals, CDCs, scientific research institutes, and corporate laboratories, leading the way in global advancements.

Haier Biomedical Drives Initiatives to Develop Public Health Solutions in Turkiye

Prioritizing the investment of medical infrastructure to ensure the health and well-being of its residents, the Türkiye Ministry of Health has recently issued a tender notice for a national public health project to procure products including Ultra-Low Temperature Freezers, CO_2 Incubators, and Autoclaves. In a competitive bidding process, Haier Biomedical, an eco-brand of digital scenarios of life sciences and healthcare innovations, emerged as the successful bidder, securing the contract by virtue of the excellent quality of its products.

This success builds upon Haier Biomedical's previous collaborations with the Türkiye health sector, where the company received commendable feedback, establishing a recognized reputation in Türkiye. The most recent delivery includes 56 Ultra-Low Temperature Freezers, 20 CO_2 Incubators, 17 Autoclaves, and 1,096 sets consumables, which will be distributed and implemented across various public health laboratories in the country, thereby extending Haier Biomedical's public health solutions to the Turkish people and fortifying the health of local users.

Of notable mention is Haier Biomedical's CO_2 Incubator, renowned for its precise control over temperature, humidity, and CO2 concentration within the chamber, ensuring the accuracy, stability, and reliability of experimental results. The equipment also boasts a one-click 180°C dry heat sterilization feature, offering users a more convenient and efficient operating experience.

Over recent years, Haier Biomedical has consistently upheld a commitment to independent innovation, achieving full coverage across the entire temperature spectrum from -196°C to 8°C, and delivering full-scenario sample safety solutions, which rapidly and significantly contributing to global public health and biosafety capacity building and reinforcing the biological barrier. This commitment extends to pharmaceutical, blood, and laboratory applications, where the company offers tailored equipment configurations, ensuring it meets users' diverse needs across all aspects.

Haier Biomedical Gives Impetus to Develop Blood Management Solutions in Tanzania

In an era of growing global interconnectivity,the development of public health has emerged as a shared concern among countries. Recently, to meet the needs for equipment in its new hospitals nationwide, the Ministry of Health in Tanzania issued a national public health tender notice. Haier Biomedical, with its excellent technical prowess and innovative capabilities, secured the tender, earning the opportunity to supply over 300 units of Blood Bank Refrigerators, giving impetus to the development of comprehensive blood management solutions in Tanzania.

The Tanzanian government has selected Blood Bank Refrigerator HXC-158. It enables precision temperature control, maintaining an internal temperature fluctuation at ±1°C. This temperature control ensures safety, the unit is also equipped with a built-in battery that continues to display the internal temperature for up to 48 hours, even in the event of a power outage. It also features audible and visual alarms, addressing the need for secure blood storage in regions with unstable power supplies. Furthermore, the system boasts five alarm functions, covering high/low temperature, power failure, sensor failure, low backup battery, and opened door, and provides flexibility with three alarm modes, incorporating audible, visual, and remote alarms. Designed with end user convenience in mind, the equipment includes automated frost functionality and anti-condensation technology, making it apt for applications in high-temperature and high-humidity areas. In addition, it adopts features such as inverter compressors and a non-condensing design, reducing energy consumption throughout its operations and delivering users a more efficient and energy-saving experience, which aligns with the principles of sustainable development.

Haier Biomedical is establishing a complete set of digital blood safety solutions and a new blood management model through the seamless integration of devices, a big data platform, and services, thereby achieving a more rational and efficient approach to blood management and allocation.

Building upon diverse intelligent blood scenarios, Haier Biomedical has accelerated its strategic positioning across the entire industry chain, spanning from blood donors to blood users, and created a smart city blood scenario solution, facilitating the digitalized management of the complete blood lifecycle, from collection and preparation to storage, transportation, transfer, blood information management, and clinical blood use. This approach enables real-time deployment and management of urban blood resources, culminating in the establishment of a smart urban blood management hub based on digital blood collection and supply scenarios and the IoT hardware deployed in hospital blood transfusion departments. By leveraging the foundation provided by digital blood collection and supply scenarios and the IoT hardware deployment in hospital blood transfusion departments, the company intends to create an intelligent brain for urban blood management.

Haier Biomedical remains steadfast in its commitment to advancing global healthcare through ongoing innovation and improvement of product performance, and contributing its prowess to support the construction of Tanzania's blood management while ensuring the safety of blood and related products in the region.

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