

Kangzhiyuan Launches New Anti-Decubitus Mattress [KZY-QB-01](#) with Back-Lifting Function, Unlocking New Care Experience

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- In-depth Performance Analysis: Dual Cores of Anti-Decubitus and Back-Lifting, Building a Comprehensive Care Barrier

The core competitiveness of Kangzhiyuan Anti-[Decubitus Mattress](#) with Back-Lifting Function lies in the coordinated optimization design of its anti-decubitus and back-lifting functions, which fundamentally solves the pain points of traditional mattresses such as uneven pressure distribution, poor air permeability and inconvenient body position adjustment. In terms of core anti-decubitus performance, the product adopts a multi-air-chamber uniform arrangement structure, combined with the intelligent pressure sensing system independently developed by Kangzhiyuan. It can real-time monitor the pressure distribution between the human body and the mattress, realize dynamic pressure conversion through alternate inflation and deflation of the air chambers, evenly disperse local pressure to the entire mattress surface, and significantly reduce the risk of damage to the skin and subcutaneous tissue caused by vertical pressure. Clinical test data shows that after using this mattress, the incidence of pressure injuries in long-term bedridden people is reduced by more than 60% compared with traditional mattresses, and the care effect is particularly significant for special groups such as post-operative rehabilitation patients and paralyzed patients.

In terms of back-lifting function performance, the product is equipped with a high-precision electric back-lifting mechanism, supporting stepless adjustment at multiple angles from 0° to 75°. It can accurately adapt to different body positions such as semi-recumbent position and sitting position according to user needs, meeting diversified needs such as eating, reading and resting. The back-lifting process adopts slow and stable drive technology, with operating noise lower than 40 decibels, avoiding discomfort and shock caused by sudden changes in body position. At the same time, through the intelligent pressure compensation algorithm, the air chamber pressure distribution is adjusted in real time during the back-lifting process to ensure that the body pressure is always evenly dispersed, eliminating the risk of decubitus caused by sudden increase in local pressure during back-lifting. In addition, the micro-ventilation holes equipped on the mattress and the high-quality flocked breathable fabric construct a three-dimensional air circulation system, which can quickly discharge moisture and heat; the upgraded sealed air valve technology ensures that the stable use time of a single inflation can reach more than 23 hours. The high-elasticity and wear-resistant TPU material can still maintain good shape stability after tens of thousands of tests, and its service life is 50% longer than that of ordinary mattresses, comprehensively ensuring the safety and reliability of care.

- Comprehensive Upgrade in Practicality: Multi-Scenario Adaptation, Intelligent Operation for More Peace of Mind

In the practical design of Kangzhiyuan Anti-[Decubitus Mattress](#) with Back-Lifting Function, the needs of different usage scenarios and operating groups are fully considered, realizing a multi-dimensional experience upgrade. In terms of scenario adaptation, the product provides a variety of standard sizes, which can accurately match mainstream bed types such as home hospital beds and medical care beds. It is widely applicable to various scenarios such as home care, nursing homes, and rehabilitation hospitals, providing comprehensive integrated care protection for groups such as the long-term bedridden elderly, the disabled, and post-operative rehabilitation patients.

In terms of operation and maintenance, the product is equipped with dual operation modes of intelligent touch control panel and wireless remote control. Functions such as back-lifting adjustment, pressure setting and mode switching can be completed with one key, which can be easily operated without professional knowledge, especially suitable for elderly users and nursing staff. The flocked fabric on the mattress surface adopts a waterproof and stain-resistant process. Daily stains can be cleaned with a damp cloth, and the air chamber cover can be disassembled and cleaned, effectively avoiding bacterial growth and reducing maintenance costs. In addition, the product is also equipped with multiple safety functions such as low-pressure alarm and back-lifting angle locking. It will automatically issue an alarm when the [Mattress Pressure](#) is lower than the safe threshold, and the position can be locked after back-lifting to the target angle to prevent accidental touch, further improving the safety of use and making care staff more at ease.

- Consumer Perspective: Accurately Solving Care Pain Points, High Cost-Effectiveness Attracts Market Expectations

Starting from consumer needs, Kangzhiyuan Anti-[Decubitus Mattress](#) with Back-Lifting Function accurately addresses the core pain points of long-term bed care and has attracted great attention from the market. For the families of the long-term bedridden elderly, pressure ulcer prevention and body position adjustment are two major care challenges. In traditional care, not only frequent turning over is required, but multiple people are needed to cooperate when helping the elderly adjust their body positions, which is time-consuming and labor-intensive and may easily cause secondary injuries. Kangzhiyuan Anti-Decubitus Mattress with Back-Lifting Function reduces the frequency of manual turning over through dynamic pressure conversion technology, and the average daily turning over times can be reduced from more than 10 to less than 6. At the same time, the one-key back-lifting function allows a single person to easily complete the body position adjustment. A family member who experienced the product in advance said:

"This mattress is very practical. If you want the elderly to sit up for meals, you can lift it up slowly by pressing the remote control, and you don't have to worry about discomfort from pressure. The elderly's skin is always dry, which makes it much easier for us to take care of him."

For elderly care institutions and medical institutions, the integrated care function and high stability of the product also have significant advantages. The person in charge of nursing in a nursing home said: "In traditional care, adjusting the elderly's body position and preventing decubitus need to be operated separately, which occupies a lot of nursing manpower. Kangzhiyuan's mattress integrates these two functions and can be easily operated by remote control, which effectively improves nursing efficiency and reduces nursing risks." In addition, compared with similar products with split functions on the market, Kangzhiyuan Anti-Decubitus Mattress with Back-Lifting Function has a more affordable price while ensuring high-quality performance and intelligent design, with significant cost-effectiveness advantages. It allows more ordinary families to enjoy professional integrated care services, and many consumers said they are looking forward to buying and experiencing the product after it is officially launched.

The person in charge of Kangzhiyuan Anti-Decubitus Air Mattress Company said that the launch of the Anti-Decubitus Mattress with Back-Lifting Function is an important achievement of the brand's practice of the concept of "taking consumer needs as the core". The product is developed and produced in strict accordance with the requirements of the "Guidelines for the Registration and Technical Review of Anti-Decubitus Air Mattresses" to ensure product quality and safety. In the future, the brand will continue to deepen the field of rehabilitation care, increase R&D investment, launch more high-quality products that meet consumer needs, and contribute to improving the quality of life of users. At present, the product

has officially opened for pre-sale, and consumers can consult and book through Kangzhiyuan's official flagship store, offline cooperative medical institutions and elderly care service institutions.

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