Automatic Blood Component Separator

HXF-D01

Scope of Application

Used for the separation of red blood cells/plasma/platelets in the blood components preparation scenario of Blood Bank.

To improve the efficiency, automation, and accuracy of the blood separation process, and meet the needs of high-throughput separation.

Innovative Design

◉ Dual Stations for Flexible Adaption

◉ Automatic Air Exhaust

◉ Intelligent Management

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Jan, 2026

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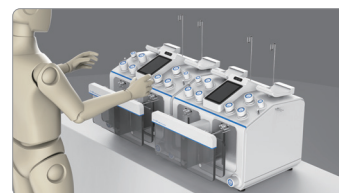
Product Advantages

Dual Stations; Flexible Adaption

Modular design with on-demand assembly
Single unit with dual stations modular design, which can be combined into multi-stations layouts such as four stations and six stations to meet customized user demand.

Left and right parallel operation for flexible separation
Support simultaneous separation of blood bags of the same or different specifications, improving device utilization.

Automatic Process; Optimized Efficiency

Full automation to reduce manpower pressure
One clicks operation supports automatic plug removal and automatic air exhaust, reduces manual operation intensity, and improves preparation efficiency. It can separate more than 60 bags in 1 hour (400ml blood bags).

Accurate plug removal to improve separation quality
Equipped with dual functions of main blood bag plug removal and preservation solution plug removal, with a breaking rate of 100%, avoiding loss or contamination of blood components.

Audible and Visual Notifications

Device is equipped with 10 multifunctional calipers, which integrate clamping, heat sealing, and pipeline identification functions, while controlling the pipeline status to ensure efficient and safe separation process.

Intelligent Management

Facial recognition
Optional facial recognition system for additional safety measure.

LCD Touch screen
7-inch intuitive touch screen for clear information and operation.

Additional safety method with Barcode Scanner
Integrated wireless barcode scanner for fast and accurate information input.

Specifications

Model	Power Supply	Dimension (W*D*H)	Net/Gross Weight	Blood Bag Types	Separation Efficiency	Certification
HXF-D01	220V/50Hz	665*536*640 mm	50kg/60kg	TBB/ TTB	60 Bags/Hour	CE