

Plasma Apheresis System



The process is completely traceable with intelligent interconnection methods, this design improves the safety and security for the donor.

Key Advantages



Identity Recognition

Built-in intelligent identity recognition system can identify a person immediately and accurately through multiple sources, such as face, ID card and fingerprint as key examples.



Intelligent identification, safe and effective error prevention system

Precise control and accurate identification of the anticoagulant bags, improved safety, reliability and security.



Smart IoT

Intelligent interconnection with the management system, data at a glance, clear and convenient.



Ergonomic

Suitable for plasma stations and mobile collections with limited space.

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Product Advantages



The whole process of blood component (plasma) separation is traceable

- The whole process can be automatically monitored and managed.
- Automatic recording and uploading data.
- Precise control of data is immediate.



Data and identity protection system

The separator can collect information in multiple dimensions including ID card, face, fingerprint and bar code. Then the system will recognize the accurate information from the database, ensuring no inaccuracy of donor or recipient information being contaminated.



A messenger who automatically processes data information

The separator can record and upload consumables and collect data automatically and intelligently without manpower, this improves efficiency and prevents errors, which saves medical staff precious time and reduces stress.



The monitor prevents manual process errors

The separator will emit an alarm sound and corresponding text prompt when there is any mishandling of anticoagulant. If this occurs the system is unable to carry out the next operation, which completely eliminates the risk of infusion error, and avoids any accident that endangers the safety of the plasma donor.



Comprehensive monitoring surveillance system

All-directional multi-angle monitoring plasma collection process. Exclusive design of blood pump and anticoagulation pump. Adaptive compensation function is more compatible with consumables from different manufacturers. No wearing parts. Stable flow. Accurate control of blood cell access ratio. Multi-level alarm system can find any errors.



The pioneer to maintain blood activity perfectly

Centrifuge cup adopts new patented technology to gently protect blood activity so that blood is safer.



Compatible with accurate capacity optimization

It can be used with 160ml anticoagulant bags to accurately match actual needs, which means cost reduction and environmentally friendly improvements. Consumables are versatile and compatible with multiple models.

Ergonomic Design



Intelligent connectivity which ensures automatic data collection and processing.



The unit is small in size, movable and easy to use, which reduces the burden of users.



Large color touch screen, easy to operate.



Optimized system and structural noise reduction design, low operating noise.

Product Parameters

Model	Power supply (V/Hz)	Exterior dimensions (W*D*H) (mm)	Gross weight (kg)
XJ-II	220~/50	540*510*770	29

Parameters	Amount collected per cycle (g)	Total plasma collection (g)	Pump speed (ml/min)	Return speed (ml/min)	Anticoagulant (Citrate) to whole blood ratio	Centrifuge speed (r/min)
Range	0-300	0-1000	20-100	20-100	1:12~1:16	7000
Preset	230	600	80	80	1:16	7000
Precision	1	1	≤2	≤2	<1	≤2.5%

This product is composed of a mainframe (Centrifuge, blood pump, anticoagulant pump, weighing scale, display screen, air detector, pressure detector, control panel) and a pressure cuff, excluding the matching disposable pipe consumables.